

MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SUR

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STATION:

OSLA-GA

PER IOD:

Cecil Field, FL #93832

1/73-12/82 1/53-12/82 HOURLY DAILY

August 1984 DATE

72006

JOB NO.

NAVAL OCEANOGRAPHY PREPARED FOR COMMANDER, COMMAND



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REPORT DOCUMENTATION F	PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle)		5. TYPE OF REPORT & PERIOD COVERED
Summary of Meteorological Observat	ions, Surface	Reference Report 1973-1982
(SMOS) Cecil Field, FL		6. PERFORMING ORG. REPORT NUMBER
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17. DISTRIBUTION STATEMENT (of the abetract entered in	n Block 20, il different fro	n Report)
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19. KEY WORDS (Continue on reverse side if necessary and		
Climatology, surface wind, temperat	ure, precipitat	ion, ceiling, visibility,
relative humidity, station pressure	e, extreme temper	ratures, sea level pressure,
daily temperature, weather conditions snow depth, and cloud cover	ns, monthly clif	matology, coastal region,
·		
20. ABSTRACT (Continue on reverse side if necessary and		
This data report consists of a six	part statistical	summary of surface
weather observations. The six part Atmospheric Phenomena, Part B - Pre	s are: Yart A -	- Weather Conditions/
Part C - Surface Winds, Part D - C	eilina versus Vi	sibility/Sky Cover
Part E - Psychrometric Summaries,	Part F - Station	Pressure/Sea Level Pressure

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SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

The retention of these summaries will provide the most comprehensive climatological file for This summary should be retained by individual stations along with the SMOS prepared in 1973. your station. Preceding each section is a brief description of the data comprising each part y and the manner of presentation. Tabulations are prepared from 3-hourly and porting forms and combined into Summary of the Day observations (prepared from record-special scheduled 3-hourly intervals. Daily observations are selected from all data recorded on rehourly observations are defined as these record or record-special observations recorded at daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. of the summary and the manner of presentation. ocal, summary of the day, remarks, etc.). DESCRIPTION:

Suspect cases will occur infrequently, but users Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occureffort is made by this office to maintain a high degree of accuracy and reliability in these will most likely be single occurrences shown by a percentage frequency of "O". (This value indicates a newcont 1000 that we have a new contract that we have a new contrac tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your All observations summarized in this tabulation have been computer edited for conrence of an occasional spurious value should not in itself be considered significant. sistency and reasonableness prior to, or during the processing stage. be prohibitive due to the handwork involved. COMMENT:

	311 FT TT		I			
STATION NO. OR SUMMANY.		LATITUDE	LONGITUDE:	STATION ELEV (FT) CALL SIGN	CALLSIGN	1347 / OFF
93832	Cecil Field, Florida	30°13'N	81°53'W	80	KNZC	
	STATION LOCATION AND INSTRUMENTATION HISTORY	D INSTRU	MENTA	TION HIS	STORY	

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	NUMBER	BARG:	OCATION	
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1.										
Weather Service Office Navy 1955 30*13*N 81°53*W 80 Mercurial New barometer installed " 1955 1960 " 80 " Moved within office " 1960 1977 " *90.1 " Metro Office " 1964 " " *93.1 Aneroid * From 1969-1973 heights varied. " 1964 " " *93.1 Aneroid Height reported on 1973 WBAN 10D. " *93.1 Aneroid	NUMBER OF BARQ		1796	AT THIS LO	CATION	LATITUDE	Source	ELEVATION A	BOVE WSL	SE 52
Weather Service Office Navy 1955 30°13'N 81°33'W 80 Mercurial New barometer installed " 1955 1960 " 80 " Moved within office " 1960 1977 " *90.1 " Metro Office " 1964 " *93.1 Aneroid * From 1969-1973 heights varied. " *93.1 Aneroid Height reported on 1973 WBAN 10D. " *93.1 Aneroid	LOCATION		STATION	FROM	10			1934	TYPE BAACUETES	247
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Moved within office " 1960 1977 " " *90.1 " #90.1 " #90.1 " #93.1 Aneroid # From 1969-1973 heights varied. #eight reported on 1973 WBAN 10D.	2.	New barometer installed	:	1955	1960		=	80	=	54
Metro Office " 1964 " " *93.1 Aneroid * From 1969-1973 heights varied. Height reported on 1973 WBAN 10D.	٠ <u>.</u>	Moved within office	=	1960	1977	:	•	*90.1	z	77
* From 1969-1973 heights varied. Height reported on 1973 WBAN 10D.	la.		:	1964		:	=	*93.1	Aneroid	54
		* From 1969-1973 heights varied. Height reported on 1973 WBAN 10D.								

RUMBER	DATE	SURFACE WIND EQUIPMENT INFORMATION	MATION			
OF LOCATION	OF CHANGE	LOGATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASCN FOR 1-141E
1.	Installed	Installed Atop control tower	Selsyn		631	1. Barograph (open scale)
la.	:	= =	AN/UMQ-5		631	2. Ceiling light (ML-121)
2.	1955	Lowered	Selsyn Double	Double	47.	3. Cloud height set (AN/GMQ-13B)
.;	1958	Installed 949' south southeast	AN/UMQ-5 RD-108	RD-108	14,	4. Transmissometer (AN/GMQ-10C)
		or ops bidg (repidcement for selsyn)				5. Auto Met station (AN/GMQ-29)
4.	1971	On top control tower	:	:	631	
5.	1975	640' SSE of Ops Bldg	:	GMQ-29	14'	\$' 2

NWSD, Federal Building Asheville, N. C.

NOCD, Federal Building Asheville, N. C.

ART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- . By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tormado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hall), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog . Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing andw - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

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total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage reflect the total observations with reduced visibility. Percentages The total number of observations may vary among tables within the same month and period. may not always equal 100.0 due to rounding practices. NOTE:

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than pertotal columns.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later. MOTE

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the "& Total" indicates percentage frequency observations and is presented by month and annual, all hours and years combined. (plus calm). Column totals show the number of observations. of occurrences.

WEATHER CONDITIONS NIPSCRAFFIC PHENCYENA

7-5-7

ALL

DAYS LITH VIPIDAS ATMOSPHENIC PHENIMENS POOM CAILY CASERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	500	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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BLOWING											
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MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	506	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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		1.0	5.3				J.	in u	19.1			22.6	213
	13	1.0	7 . 4		•		7.7	£ • 1	16.1			24.2	C12
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STATION NAME

PERCENTARE FREDUCION OF OCCUPATIVE OF VEATHER CONDITIONS FROM HOUSLY DESFEVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	22	1.5	3.7				3.7	7.5	19.0			23.7	300
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PERCENTARE FREQUENCY OF OCCUPATIONS OF VEATHER CONDITIONS FROM HOURLY CAREDVATIONS

MONTH	HOURS (L.S.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	ŕ	12.0	10.7				15.07	2.3	31.5			33.7	E C
	13	7.07	11.3				11.3	£ • 3				0.52	0.1
		2.5	70.3				7.	10.0	73.7			38.7	300
TOTALS		3.5	6.2				6.0	-	34.05			2 ° 4 B	2400

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AONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	50	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	c .	11.6	15.4				15.2	3	33.9			39.7	£ .
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TOTALS		2 * 4	3.6				3.6	3. J.	24°C			46.4	८६ म 2

PART OF CONTROL STREET, STREET

CECTL FIELDS FL STATION NAME

PERCENTAGE FREQUENCY OF OCCUPATHOR OF WATHER CONSITIONS FROM HOUPLY OUSFRUATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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13-53 CECCL FIELD. FL

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O.F. P. MONTH

DEFICENTANT FREDUENCY OF OCCUPATIONS OF NEATHER CANDITIONS FROM HOUPLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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	10	5.2	1203				12.3	a	32.7			55.7	\$20
	1.9	0	10.7				17.7	\$ °	13.			E 0 3	E)
	22	2.7	7.0				7	14.3	32.3			43.3	C 0 71
											I		
TOTALS			6.2				6.2	25.9	35.7			2 • • 5	2003

CONDITIONS WEATHER

T C C

PENCENTARE FREQUENCY OF COCUPRINCE OF JEATHER CARDITIONS FROM HOUSEY OFFERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HASI	% OF OBS WITH PRECIP.	50	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
100	5.1						2 2	37.64	2.4			Cau?	313
	9		2.3				2.5	(F = 2.1)	7		1	53.9	312
	r.		2 2				2 0 0	5495	7203			57.17	313
	1		2.6				7 2	7.	3 3			100	
	13	100	5.2				5	3.3	•			32.5	313
	13	**	5.1				4	£.	5.0			72.6	Ž I
	6	9•	i/)				7	5 • C	11.			37.7	
	;	1	2.09				2 3	1:04	31.			42.0	22
													ļ
	1												
TOTALS		2	3.6				3.0	23.6	20.00			4.5.4	2862

20 4 25

V C V

YEARS

PERCHAIASE FREGUTUCY OF MCCULTYLCE OF USATHER CONDITIONS FOOR HOUSEN COLFRUNTIONS

MONTH	HOURS (L.S.T.)	THUNDER.	RAIN AND/OR	FREEZING RAIN &/OR	SNOW AND/OR	HAIL	% OF OBS WITH	50	SMOKE AND/OR	BLOWING	AND/OR	% OF OBS	TOTAL NO. OF
			UNICELE	URIZZEE	ores:		- Lucaliti		1700		3		
7.7.4	1		401				1 0 5	6.10	14.2			3017	295
	7		H .2				# C	2 6 5 7	11			53.6	285
	37		7 1				7,	Ç	13.5			68.2	362
	E		201				2.07	1.01	4 3 4 3			5.2.2	297
	2		2				7 0 7		23.6			27.3	297
	16	• 7	4.6				3 6	4.7	19.5			23.2	25.7
	13	2	7 6 2				7 9 7	37 ()-	19.5			24.3	237
	()		6				7	74.0	17.5			35.7	297
TOTALS			4.07				4 - 7	28.0	31.2			41.9	27.75

NOWTH THE

PERCENTAGE FREDUCION OF ACCUMPTOFF OF SCATHLE CONTROLL CONTINES FIND HOUSEN OBSERVATIONS CECTL FIELDS STATION NAME

73- 2

МОМТН	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<u> </u>	3.1		U 6				J*6	2-54	6.0			17.2	797
	4.7	1	9.6	,			C C	# C	1003			46.5	35.2
	7.7		12.5				10.0	400	16.1			56.3	304
			7.9				7.5	7.01	37.5			n 3	407
	1	X •	5.3				200	7.2	2 C • 4		• 3	27.3	304
	16	M	7.62				7.5	6 et	17.4			23.0	306
	13	2.	9 • 3				9.6	12.4	16.7			26.4	539
	22		,0				E &	20.4	12.4			23.4	500
	-					1							
TOTALS		~	ħ E	•			8.5	22.B	17.e		ŷ.	77.8	2412

MONTH HONTH

PLOCENTAGE FREQUENCE OF OCCURRENCE OF PEATHER CONNITIONS FROM HOUPLY OBSERVATIONS

DRIZZLE SLEET SLEET AND/OR HAIL	OBS WITH FOG	AND/OR BLOWING	_	WITH OBST TO VISION	NO. O
G		- Inter	SAND		OBS.
	7.2 22.1	19.6		39.4	2461
۲,	7.7 70.	5 . 2 . 3	70	39.1	2255
	5.9 19.3	2000	•	35.0	2450
	4-1 16-9	1991		1101	2400
	5.3 19.7	23.6		42.5	2480
	6.2 15.	0 4 6		2.8.2	2470
	5.6 14.	3 to 2		46.4	2480
	5.3	31•6		47.6	248"
	6.2 25.	E - 37		5.2.8	2433
	305 210	5		46.3	€8 #Z
	4.7 20.0	21.5		41.9	2371
•	0 0	17.6	:D	37.5	2417
	5.5	26.3	•	42.4	29105
	13	3 6 6 8 3 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5.6 11.3 34 5.5 12.7 31 6.2 25.9 35 4.7 20.0 21 8.5 22.6 17 5.4 20	5.6 11.3 34.8 5.3 73.7 31.6 6.2 75.9 35.7 3.5 71.6 70.9 4.7 70.0 21.2 8.5 72.9 17.6	5.6 11.8 34.8 5.5 73.7 31.6 6.2 75.9 35.7 3.5 71.6 70.9 4.7 70.9 71.2 8.5 72.9 71.5

JANUANY 1973-DICEMBER 1982 ceci. Fifth, Ft

JA NUARY MONTH

STAT ON

HOURS (L.S.T.)

.	æ	c,	an l	_	×	רַ	2	۵	19	9	531	0	an)	#	و	7	0].,]
NO WEATHER	5B.	U•5•	32.8	34.7	53.	្រ• 🖢 🖢	588	0.03	57.8	56.6	0.59	6.27	£•99	19.4	75.6	68.7	100.0	*	1420	53.0
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	16.5	18.6	35.2	# O • B	26.7	20.0	13.2	21.4	15.6	1.41	17.5	10.4	16.6	15.3	11.6	18.7			59 h	19.9
ICE FOG GROUND FOG	6.2	5.6	3.2	5 • 3	5.3	ੁ• 3	13.2	9.8	7.0	5 • 8	5 9 17	ó• 1	3•9	5.1	1.2	3.7		V ₂ A	261	7.8
FOG	18.3	30.0	32.0	22.7	17.3	1:00	15.1	21.4	14.1	11.6	10.7	9.5	7.4		10.4	11.2		XX	367	14.9
THUNDER					1 • 3				œ.		1.0							\bigvee	*	•2
HAIL SMALL HAIL																		\bigvee		
SNOW GRAINS PELLETS SHOWERS														•				\bigvee	-	٠.
SLEET SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING DRIZZLE																		\bigvee		
DR1Z2LE	1.3	7 . 3	2.4	2.7						1.6	1.0			20	1.3	2.2		\mathbb{N}	en n.	1.1
PAIN SHOWERS	5.	. 7			1.3	2 •	1.9	3.	3.1	3.9	3.9	7.	2.2		1.2			X	31	1.3
		7.1		10.7	,.	-	5.7			•	(·	رم •	7.7		~7	7	† 1	X	ç	7
W.N.C DPRECTO:	2	E V Z	W Z	H N H H	 - -	E 5 E	SE	3.5E		3S.W	*	WSW		\$2 3	¥,	≥ Z	VAPABLE	*	TO T A .	7 1014

TOTAL NUMBER OF OBSERVATIONS

CECI: FIELD.

FEBRUARY

JANUATY 1973-PROCEMBER 1982

55.6 46.9 47.6 29.0 49.5 71.6 74.0 1319 51.6 36.0 70.0 67.5 58.5 WEATHER 39.1 5 . 49 75 BLOWING SAND AND DUST BLOWING 12.3 25.5 19.8 27.6 27.5 20.5 22.5 14.5 472 28.7 22.2 16.3 16.2 19.0 23.3 11.8 14.2 SMOKE HAZE 2.1 7.8 1.6 5.27 4.3 5.6 10.3 11.7 5.1 4.1 3.4 9.9 • ា • 2.1 .: • ICE FOG GROUND FOG 71.3 20.8 10.0 0.0 ر. • ما 10.0 11.5 • 13.5 C. ر. در `; • 7.0 • 308 ~ 7 . . 500 o. 13 2.7 7.7 THUNDER Ŷ • ب اله • .. HAIL HAIL SNOW GRAINS PELLETS SHOWERS • ٥ SLEET
SHOWERS
ICE
CRYSTALS FREEZING RA'N FREEZING DRIZZLE () at 7.5 7.3 6.1 ar Co 0 9 Å. υς • DRIZZLE 1.7 7.5 2.6 3 ° C 7, 2 RAIN ..7 7.07 ZAX WIND DIRECTION VAPIABL ر ا ا N Z Z LU 2, LU ESE SE ul Z ш ≺ S

TOTAL NUMBER OF OBSERVATIONS

JANUATY 1973-P. CEM. EP 1982

MONTH WONTH

46.6 61.5 WEATHER 50.6 65.3 72.2 67.0 46.1 66.0 7 3 3 46.3 74.7 75.2 75.7 63.0 52. . BLOWING SAND AND DUST BLOWING 26.5 20.0 19.6 964 16.0 17.9 20.9 16.9 58.62 35.6 21.0 12.4 14.4 16.9 22.7 13.7 SMOKE HAZE ص ا 9.3 5.3 22 ÷. 7.3 6.0 7.8 8.0 ₽ • 3 · S ₹•9 2.3 2.7 CE FOG GROUND FOG 5.2 **M** • 233 20.5 M • ر د د 7.7 14.5 N A 6.3 ÷ 14.7 **...** 10.6 11.7 50 7 CV C1 C 7. 2.1 1.6 (-) • 2.7] . 1.1 • THUNDER 7 • 7 . 1.1 HAIL HAIL SNOW GRAINS PELLETS SHOWERS ır. • SLEET SHOWERS CRYSTALS FREEZING RAIN FREEZING DRIZZLE **C**3 **3** m . 60 1.2 C. ON 62 III 1.3 :\$ • • 7 7.1 SHO WERS 3 10 ы | | 2 ₩8₩ ₹

TOTAL NUMBER OF OBSERVATIONS

JANUARY 1973-9 CEMEET 1982

AP > IL

NO	57.7	رج ان ان	50.5	73.0	71.8	75.0	58.1	67.1	74.6	73.4	67.7	73.5	29.0	£2.6	C. 28	77.4		XXXX	1678	67.5
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	17.5	29.3	31.1	20.0	21.4	14.5	15.4	16.5	16.9	17.4	20.5	16.9	14.7	7.0	8.7	11.3		Y	434	13.1
GROUND FOG	14.4	13.6	8.7	1• 3	Z • 5	3.5	7.7	7.6	5.0	5.5	3.9	4 • 8	1.0	1.7	4.3	3.5			193	೧• ಜ
505	14.4	1.500	1.07	7.9	7.4	6.9	11.0	10.1	3.4	# O J.	2.5	7.8	2.1	4.3		5.7		X	213	o. .:
THUNDER	7.0		2.5	ŋ•¿		2 • 3	2.2	1.5	1.7	G: •	1 • 3	1.2	1 • 3	1.7	7.	ن ٠		\bigvee	.e.	1.2
HAIL SMALL HAIL																		\setminus		
SNOW GRAINS PELLETS SHOWERS																		M		
SLEET SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING DRIZZLE																				
ORIZZLE	1.3		1.0																M	•
PAIN	2.1	3.2	5.3	C. • S		2.1	7.7	() ()	2.5	3.7	5.6	2.4	ري ن	5.6	7.	•			94	•
Z 4 12	•	F	7	•	3	٠,٠	3		•	•			•	•			•	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		•
WIND DIRECTION	z	เม 2 2	ш Z	- UV	tıl	표 편 8 편	SE	SSE	S	ţ,	· · · · · · · · · · · · · · · · · · ·	* * * * * * * * * * * * * * * * * * *	w .	*		2	a maran			

TOTAL NUMBER OF OBSERVATIONS

STATION FLE STATION NAME

JANUARY 1973-DICEMIER 1982

HOURS (L.S.T.)

NO WEATHER	0.00		3.5	47.5	57.1	65.2	51.4	54.3	5.50	62.5	57.8	5.69	62.9	56.9	59.5	68.6	50.0		2	132	
BLOWING SAND AND DUST																					
BLOWING		1																	X		
SMOKE	74.4	200	1	55.1	37.8	29.1	25.9	23.6	26.5	23.7	30.4	20.02	21.1	24.1	29.7	15.7	32.4		7	707	
ICE FOG GROUND FOG	1.5	12	0.71) •	œ	2.6	ı, e at	6.3	5.1	3.9	7.8	7.7	3.6	11.3	2.1	7.8	80 BS		NA A	27.	
f0G	23.4	ا	7.01	•	2.5	1.00	2.4	7.9	9.2	7.6	6.5		3 • 1	7.7	7.		0		V	5 0 2	1
THUNDER	2.0	7.7	,	•	7.4	7.	3.	7.1	6 • 1	2.0	 	113	3.2	305	•	•	5.0		X	σ	
HAIL SMALL HAIL																			X		
SNOW GRAINS · PELLETS · SHOWERS														+				*			
SLEET SHOWERS ICE CRYSTALS														-	-						L.
FREEZING RAIN FREEZING DRIZZLE														1	1			1			
5872LE	7.7	1 . 1						•									-	*		7	~
SHOWEPS	7 • 5	6.9	4.0	7 2		7.7	1	201	•	2.5	٧٠ د		0 • 0	7	4 C	0	- 	*		-	~
N: 4 &		4			7:	• -	3		• ;				•		•	1	:			•	•
WIND DIRECTION	z	ա 2 2	ui 2	1 H N H	 u	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	101	35	585	# 	27.55	٨٥	×0.4		\$ 1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		\$ 0 2 0 4 0		()	TOTAL	7 et 100 h

TOTAL NUMBER OF OBSERVATIONS

CANDRACY 1973-PICEMOER 1982

WEATHER	31.7	7 7 7	55.4	55.6	28.3	5°05	8.8	58.8	52.6	ე•9⊊	n•05	9.64	() • 3 3	5.94	45.9	6.44			1172	47.2
BLOWING SAND AND DUST																		\bigvee		
BLOWING																		\bigvee		
SMOKE	38.5	37.9	26.1	37.3	32.4	37.9	37.2	20.6	26.3	25.5	32.8	34.9	40.7	40.7	21.4	30.6		¥ ₹	835	34.8
ICE FOG GROUND FOG	15.4	12.9	7.6	~	S • K	3.4	80	9.3	4.7	7.1	7.2	3.6	9.3	6.6	9.5	12.2		XXX	25 k	10.8
50.	1.03	11.2	6.5	2.2	E 9	0	1.2	5.5	5.3	0.5	α <u>τ</u>	5.5	3.5	2.02	11.0	10.2			194	· • 1
THUNDER	2.0	5 €	7.3	2.5	1 • h	<i>್ಕ</i>	5 • 3	7.2	5.7	7.0	() •		₽	1.2	14.3	C C		V	£ 6	3.5
HAIL SMALL HAIL]													\bigvee		
SNOW GRAINS PELLETS SHOWERS																		\bigvee		
SLEET SHOWERS ICE CRYSTALS																		\bigvee		
FREEZING RAIN FREEZING DRIZZLE																				
DR122LE							1.01							,	7	2.0			ङ	. 2
9 A.N SHOWERS	o, ~	4.3	12.3	5.2	3.5	3.11	3.5	2.0	.0.	3.5	9.	t .	a:	C 1	ee •	2.3		X	- Q.	3.7
2 q q		•		•	1.5	3			7.0	-		•		•			•	Įγ		
WN G PARCTORA	2	lid Z Z	137	826	 	ESE	3.6	SSE	100					**.*4 1. + 4.			G 4 G 4		. 4:01	V

NAVWTASERVCOM

2,400

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

CALICATY 1973-10 EMPT 2 1982

1158 10.4 6.9 WEATHER 28.9 8 6 5 711.7 58.3 47.7 55.6 21.3 V 54.1 43.3 C • C 4 25.0 42.7 BLOWING SAND AND DUST BLOWING 34.5 28.6 43.5 55.3 C • 5 % 27.2 6.04 36.9 30.8 24.3 37.8 N A 857 30.1 46.3 15.7 するです SMOKE HAZE 7.6 X 3.1 13.3 316 12.7 8.3 3 · 4 14.5 8.2 12.8 3.6 3.3 15.9 25.0 3. E. 11.5 24.1 GROUND FOG 3.2 X 150 6.0 7.5 3 6 3.5 4.2 φ. Ω. F0G £ .5 5.5 10.7 3.2 5.2 2.9 7 . 4 111 3.3 6.3 10.E THUNDER 7 . . HAIL SMALL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS ICE CRYSTALS FREEZING RAIN FREEZING DRIZZLE 2 4 m \$ \$ \$ \$ \$ \$ 7 3 JAPIAR u Z Z W Z Ю (2) (1) **₩**8**₩** ᆲ 100 C S FF **₹**

TOTAL NUMBER OF OBSERVATIONS

じゅす・い

UNIUARY 1973-7 CEMBER 1062 CECTL FIFTING FL

A UCUS F

54.9 59.6 63.8 63.2 F.2.0 47.4 510 X 10 0 3 61.9 63.0 9.0 0 S T T WEATHER 30.1 55.1 25.9 101 46.7 Š BLOWING SAND AND DUST SNOW 10.4 20.0 30.4 19.6 33.6 45.6 33.4 21.4 9.82 25.2 X 791 43.1 28.7 33.7 32.3 SMOKE HAZE 5.4 5.4 υ Ο • υ **ာ** 10.5 ယ ပာ 345 15.4 9•9 2.7 10.9 10.2 7.4 7. 16.2 X GROUND FOG 6.7 . ·× 2#5 υ 0 7. . 4 Ω • ∂ ٥ ..1 ر. ت T • 7 £ 7 . 2 13. 500 00 0 2:1 7.0 ~. • 4 5.7 زید • ای ∑ • ħ ٠ ا f e 1 205 9 Y THUNDER • HAIL SMALL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS CRYSTALS FREEZING PAIN FREEZING DRIZZLE 4.3 3.0 5.9 . ar ά ~; . • . € 3 ฟ 2 2 네 건 년 (ur SE 111 2 Z. S

TOTAL NUMBER OF OBSERVATIONS

29463

AA COASY 1077-7-CEMBER 1082

SEPTEMBER

45.4 62.7 53.5 *** 54.3 52.2 540 51.1 56.1 40.0 55.1 35.1 40. BLOWING SAND AND DUST BLOWING SNOW 37.1 28.8 43.5 37.3 34.3 27.3 23.5 20.9 39.6 47.4 37.7 19.7 6.04 24.3 16.3 ភូ• 6 3.0 3. 15.7 ند ن 1.1 12.5 ŭ. • 3.1 16.7 CE FOG GROUND FOG 2 6 بر د د 6 . . 11.4 ເກ • 1 • 4 10.4 2.1 4.2 10.5 13.6 500 u: ● → 6 -1 ن ر 2 0 1 THUNDER ... 3 ... HAIL SMALL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS I.C.E. CRYSTALS FREEZING RAIN FREEZING DRIZZLE رع الع العارة 5.4 2 m 0 6 3 9 9 2.9 SHOWERS

TOTAL NUMBER OF OBSERVATIONS

2,400

1030

2 S. 4 35.6

350 14.6

213 11.3

3

. .

3 [•

MUUNE BOVE BART

, ;

CANCIADA 1973-01 COMBER 1982

BROLD. MONTH

9.69 49.8 56.3 65.4 73.3 65.8 43.5 52.3 44.5 53.2 1307 57.3 WEATHER 62.5 52.7 X BLOWING SAND AND DUST SNOW 33.3 27.6 33.8 20.5 17.6 A 36.8 38.4 37.9 766 30.9 29.3 39.1 31.3 **€** 0.4 21.1 16.3 SMOKE Y X 14.6 6.1 • 9 2.2 3.00 20 0. 272 7.5 17.2 7. 1.2 30 12.3 6.7 2. CE FOG GROUND FOG 7 . 3 2.1 472 3 **~**`, 4.7 * * 3 • 6 7.3 300 10.3 10.6 ે • • ₹• 50 THUNDER 7. ^ • 9 ` · 1 ***** `• HAIL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS ICE CRYSTALS FREEZING RAIN FREEZING DRIZZLE 12 3.6 .. 1: 1. DRIZZLE 1.5 C C C C SHOWERS 201 M-N-D D-RECT 7-2 E S E SSE W)

TOTAL NUMBER OF OBSERVATIONS

1945

JANUARY 1973-3-CLMSER 1982

NIVEMBER

1343 36.1 68.2 55.3 56.8 V A 56.9 53.3 58.5 62.7 71.3 70.5 75.0 61.5 WEATHER 63.0 70.1 566. BLOWING SAND AND DUST BLOWING 22.1 20.0 29.8 14.0 13.4 20.0 X 20.8 16.0 404 25.8 31.4 11.9 26.4 20.5 25.3 11.1 SMOKE HAZE X 6.5 210 2.3 3.0 Ö• ħ 6.0 3 e 2 4.5 0.5 6.3 2.1 5.7 4.7 ICE FOG GROUND FOG 11. VX 15.3 90 h 3000 13.4 1.01 **~** 10.2 1: • 2 . CJ ~ . 14.7 17.1 11.00 11. 500 , † ~7 • THUNDER . HAIL SMALL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS ICE CRYSTALS FREEZING RA'N FREEZING DRIZZLE 1.3 Y 1.6 2.5 1.0 1.5 0 0 4. C. 4.5 SHOWERS • .. M) DIRECTION ม 2 , โบ ม ¥5.7 | lu | 7 | 7 SE SE lii Z

371

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

3440ATY 1973-1 CLM3ER 1992

DICEMBER

NO WEATHER		3 A . 7	34.5	43.7	62.5	77.1	67.0	63.5	65.7	61.7	65.1	5.7	710.	75.0	46.7	74.5		V	1433	59.5
SLOWING SAND AND DUST																		\bigvee		
BLOWING																		X		
SMOKE	19.0	24.7	17.3	27.6	15.7	10.4	13.2	11.1	21.3	13.3	9.3	17.9	12.6	10.5	16.3	11.3		X	395	16.4
GROUND FOG	3.4	4.6	1.3	3.9	3.3	6.3	5.7	6.3	1.6	4.3	5 • £	9.9	J •	1.6	2.0	J.		V A	1 7 7	5.7
606	17.3		42.7	15.	17.5		1.2	10.0	11.5	12.3	5 • 2 1	10.3	***	12.2	7 . 2	1.6		V A	415	17.2
THUNDER									•	1.1		1.0		•	• 7			\bigvee	5	¿•
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS																		X		
SLEET SHOWERS ICE CRYSTALS																				
FREEZING PAIN FREEZING DRIZZLE	•							·						+			<u>-</u>	\frac{1}{\text{Y}}		
372786	2.5	4.6	6.1	2	2.5			1.6	ac.	1.7		2)	1.3	1.2					- &	
PA:N	3		1.3	· •	1.3	· ;	1	0	7	E . 3	7.	nte i Ma	1.3	د، س	•		,		£.	•
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TOTAL NUMBER OF OBSERVATIONS

2,417

NAVWEASERVOOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

JA 1347 1973-7 CEMBER 1992

HOURS (L.S.T.)

NO WEATHER	47.1	₹ 0 ★	43.4	53.3	62.	54.1	59.5	6.95	58.4	61.5	61.7	6.69	6.29	65.6	66.3	5008	100.0		1583J	3.31
BLOWING SAND AND DUST																		\bigvee		•
BLOWING																		\bigvee		
SMOKE	27.9	32.4	34.2	34.7	4.72	22.8	23.4	21.7	22.5	21.0	27.1	24.8	23.1	1001	18.8	23.4		N. C.	7557	26.7
GROUND FOG	13.	13.8	6.4	2.b	3.1	Q • #	7.0	8.2	8	6.7	7.0	7.2	6.3	₽•₩	5.2	6.5			1362	10.0
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TOTAL NUMBER OF OBSERVATIONS

201.5

∞ PART

PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of

PRECIPITATION

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual may be misleading. and annually.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ά

Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations

Snow depth at 0800 From beginning of record thru 1945 Jan 46-May 57

Jun 57-present

Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52

Jun 57-present Jul 52-May 57

Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT

Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF FROM DAILY OBSERVATIONS)

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STATION NAME

YEARS

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

LEAST

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FILLS, F.

EXTREME VALUES

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EXTREME VALUES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

POSCIDITATION
(FROM DAILY OBSERVATIONS)

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STATION NAME

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EXTREME VALUES

(FROM DAILY OBSERVATIONS)

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EXTREME VALUES

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(FROM DAILY OBSERVATIONS)

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EXTREME VALUES

(FROM DAILY OBSERVATIONS) SMC DEPTH

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(FROM DAILY OBSERVATIONS)

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

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DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

FILLD. FL

STATION

STATION NAME

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MONTH

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DAILY EXTREME AMOUNTS

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PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 when 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is Every month of a year must have valid observations present before the ALL MONTHS value is selected A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire Means and standard deviations are computed when four or more values are present for any for that year. column. period.

According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

Percentages are shown by both direction and speed, and in addition the mean wind Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. speed for each direction. તં

A separate category is provided on the form for variable winds, which are reported in some data sources. these data where light and variable winds are reported with no directions but with speeds given, the spee will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility Ceiling 200 through 1400 feet inclusive with visibility equal greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal INSTRUMENT CLASS: greater than 200 feet.

EXTREME VALUES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

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EXTREME VALUES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

(FROM DAILY OBSERVATIONS) COLEM SOVERED

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SURFACE WINDS

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DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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ž	•	1 - 3	1.0									3.5	4.7
Z	•											€ •	3.0
-	\ •	. •										2*1	202
ESE	. •	۰ ۲	4.									201	8.4
3	3•1	£ •	i e									9 1	3.6
386	2 • 1	1.65		ι. •								2 • 8	4 . 4
50	_! ● ₹	2.5	9.									₹*#	4.6
SSW	0 € [1.5	1.0	ýě								5 ° N	5.8
AS	9*1	9.	9.6	• 3								₹•£	5.1
MSM	8.5	1.5	1.2	3.								5 5	5.3
*	§ • 5	1.5	. 5	2.0								1 • 6	3.6
MNM	3 - 1	200	1.	5.4								3 • 1	5.1
¥	5.1	(·)	2.3	. 6								₹ • ₽	3.9
NN.	3 • 1	2.2	2.0%										5.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	h•22	
	6.36	4 02	7 " 1	,								30+	

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30.8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

JAN	MONTH	C. C. Senon		
73-22	TATION NAME	ALL MEDINED	COMPITION	

MEAN WIND SPEED	5.2	6.4	0 • 0	5 • 5	3.8	5.8	5.4	3 0	7.9	5.6	5.1	6.5	5.42	7.2	7.1	6.3			. 7
×	h • 6	7.8	a) 9	3.2	1.0	2.66	2.5	2.3	9.7	SeA	2.6¢	3.0	30	10.4	6 . 9	7.5		8.1	
88 VI																		\bigvee	
14 · 55																		\bigvee	
41 . 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
$n \cdot n$																		\bigvee	
17 - 21									4.3	. 3			9.0			ξ.		\bigvee	
11 - 16		9.6		40		1.0	27	*	1.5	.4	ž. d		1.65	2.3	9.	.3		\bigvee	
7 - 10	0	~	0.0		2		,		3.2	1.2	ij•	1.0	5.0	2.2	6	2.6		\bigvee	
4.6	1.0	,	C.	20		•6	, a		2.3	2 2	**	1.6	1.6	5 4 27	C	2.6		\bigvee	
1.3	60	-		~	1.3	~	r. •	-	0 1	3	~	•	Ç	~	7	5.4		X	
SPEED (KNTS) DIR.	z	ZZ	ž	Z	-	55	*	33	9	SSW	Š	WSW	*	WNW	Ž	24	VARBL	CALM	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NA.	HONTH	13	NOURS (L.S.T.)	
73-32	YEARS	ALL WEATHER	CLASS	COMBITION
14. 14. 14. 14. 14. 14. 14. 14. 14. 14.	STATION NAME			

													١,
SPEED (KNTS) DIR.		•	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 . 40	41 - 47	44 . 55	%	×	MEAN WIND
z		() • ()	9.6	۲.								6 . 2	8 . 4
N X	•		9.	94								1.5	8.8
Z	2		5 4	1.5								6.8	6.6
Z		1.0	υ? •) • (4.2	6.5
-	•6	ं • •	1.0									C • 4	5.2
132	42		54	***								103	
3		1.5	į.		9.,							2.9	6.0
335			~ 4	y.								2.3	8.1
•	•	£ •	2.6	9.1	1.0							6.5	10.1
XSX.	7	1.3	9•2	2 4 1	9.							7.5	9.1
AS.	1.3	1.5	7.1	1.3								5.5	7.2
WSW	¥ • ₹	1.5	2*2	202	3							9.1	8
*	1.6	3.6	5 €									16.2	9 ° 3
WNW	7.2	1.5	C h	2.3								9.4	8 C
Ž	1.0	1.6	1.45									4.9	6.4
MNN		1.0	302	9.								5.8	6.7
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5 • 5	1
	16.7	1.25	1 - 28	1.02	2.5							C*05T	7 . 4
		1											1

TOTAL NUMBER OF OBSERVATIONS

30 A

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Nonth	2.6 HOURS (L.S.T.)
CECTL ETCLOS FL STATION MAINS 72-32 VEANS	41 L VEATHER

COMBITION

SPEED (KNTS) DIR.	6:-	• •	7 . 10	91 - 11	17 - 21	n · n	28 - 33	34 - 40	41 - 47	44 . 55	% AI	×	MEAN WIND SPEED
z	7	0.4		4.								4.2	4.9
N.		0	0.4									3.9	6.3
¥	100	6 6	3.2	9								7.1	7.2
Z			2.6	1.3								5.5	8.2
•	6	9	2.5									7.5	5.1
ESE	٢	~ `	4,	ì								1.62	8.0
*		1	2	1								1.5	6.3
325	4	4.	1 2 2									200	5.9
•		0	3.5	46								4.02	3.6
XSX	~	2.5	1.5	1.9	•							6.8	8.7
AS.	•	2.6	1.9	1.3								6.02	7.8
MSM		5 5	6.2	2.3								स्बद्ध	8 . 3
>	~	2.0		ć * 2		* 4						14.3	8.8
WWW	2	2.6	5.6	9• 2								11.4	8.7
¥	4	1 . 3	2.05	9"								4.5	7.6
NA.		100	G # 2									5. 33	6.2
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	3.6	
	I.C	30.2	39.9	15.9	6.3	. 3						176.0	7.4

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SURFACE WINDS

DEPCENTAGE FREQUENCY OF WIND

	JAN. HOHTH 19 HOURS (L.S.T.)	
FROM HOURLY OBSERVATIONS)	ALL WEATHER CLASS COMBITION	
ASHEVILLE, NG	CFCIL FIELO, FL STATION HAME	

STATION

SPEED 1 · 3 DIR.	z	O INN		,		253	3			WSS	-		¥	^	-	MMM	VARM	CALM	
*	2.3	2.0	,	3 3.5	2.5	1.3	0		-		ز ،	•	È	;	,,,		-	X	
7 - 10	2.0			•	,		~		9.		١٠	,	2	2.3	4.	9.6		\bigvee	
11 - 16		•			P.				•		٦			W.	~	5.		X	
17 - 21																		\bigvee	
22 - 27																		\bigvee	
28 - 33																		\bigvee	
34 - 40																		\bigvee	
41 . 47																		\bigvee	
48 - 55																		\bigvee	
%																		\bigvee	
×	3 • 3	5.8	5.5	3.9	6.5	5.0	1.9	2.9	3.2	2.9	6.4	5.5	10.1		5.8	4.2		13∙€	
MEAN WIND SPEED	5.9	5.2	4.9	4.6	ς. •	403	4 • 2	3.2	5.8	3.1	5.03	4.2	4.5	5.3	5.0	6.2			

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2.2 HOURS (L.S.T.) 73-62 WE ATHER COMBITION

•	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	S, Al	×	MEAN WIND SPEED
3	4.2	3.0									8.5	4 . 3
	7. E	1.7	2 4								5.8	5.6
• ;	2.6	1 2	ì								5.8	5.1
	1.2										1.6	3.9
7.											1.5	2.3
7	1-3										2.1	3.4
,,	~ 4	٨٦									3.2	Con
۲,	0	2	1.0								3.2	6.3
7	1.0	1.7									2.9	5.7
	2.2		2.4								6.2	401
3.0	5 • 1										4.5	2.7
,;,	1.6	2.7									3.9	5.1
0	Ó #	2 6									10.1	4.3
	7 - 7	2.5	.3								8 • 1	8 - 5
2 .	1.5	2.5	.3								ફ• લ	4 · C
C	2.3	1.5									5.4	5.5
M	\bigvee	70.B										
, ,	,	,	,	•							. 30.	•

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TOTAL NUMBER OF OBSERVATIONS

8 C M

SURFACE WINDS

7

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-32

COCOL FIELDS SL. STATOR MARKS

WE A THER COMBITION

ALL HOURS (L.S.T.)

JAN

MEAN WIND SPEED	S 5.0	.7 5.2	•1 5•8	9.6 J.	9 4 D.	6.0	.2 5.1	.9 5.1	6.5	.2 6.4	.2 5.7	. 5 5.3	₽•6 D•	6.5	5.9	0.9 4.		• 1	0.0
* *	7	5	5	3	3	2	2	2	M)	\$	7	2	11	•	9	\$		76.	1.00.1
8 . 35																		\bigvee	
34 - 40 41 - 47																		\bigvee	
28 - 33						-				:								\bigwedge	
n · n								•					τ. •						•
17 - 21							c.		٠.		-	-	-2	 		٠.		\bigvee	•
= -			7.	•	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓								5	_	~	•		X	,
7 - 10	-	-	u -			'	\	1	-					٠,	۲,	() ()		X	9 1 6
•		~	6		L		3	-			L		7	-	2.0	L	 	X	
1.3	3.	-			-		•	-		7		-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		-			X	* * °
SPEED (KNTS) DIR.	Z	Z	Z	Z	-	2	×	3	•	3	3	ASA	>	ANA ANA	Ž	ŽŽ	VARBL	CALM	

105/845 147-4861 040 2.U#

TOTAL NUMBER OF OBSERVATIONS

2460

SURFACE WINDS

FROM HOURLY OBSERVATIONS)	22 - 82 14 46 A THE P 61A86 COMBITION	
ASHEVILLE, NG	COCCUPATION OF THE STANDARDS	

Z Z Z Z Z			2	9 1 - 11	17 . 21	22 · 27	28 · 33	34 - 40	41 . 47	48 - 55	%	*	SPEED
Z Z Z Z	, 4	7. 4.	u c	7.								υ'1 •	5.3
ZZ.	20	C .		73								5.7	8 4
Z -	1.		# *									1.4	5.8
•	10.6	· £		3								3.5	4.3
-	,	.7										1.01	3 . 3
ESE			17									77 0	0.3
*		3			-37							1.6	6.4
22		:5	7.									2.5	3.8
8	5, 4	10 14	1.4	7, 6	*							5.3	6.5
SSW	77 9 1	2 •	7 1	4								4.3	6.7
×s	5 • 1	7)	77									5.3	4.1
WSW	€ *	2.5	a.	37								7.4	4 . 3
>	2.0	2 5	2.1	1.1								9.6	5.5
WW.		2.1	77	6.9								7.4	5.5
ž	1 • 1	2.5	1.64									0.3	5 + 3
ŽĄ.	.;;	2.1	1.4	ar •								4.3	6.6
VARBL													
CALM	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	26.6	
-	7 8 6 5	2 4 /	2.621	0 5	۲.							100.0	3.9

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-42 ALL REATHER COMBITION

•

C4 NOVRE (LS.T.)

KNTS) Die.		4	7 - 10	1.16	17 - 21	22 - 27	28 · 33	34 - 46	41 - 47	4 - 55	\$ Al	×	MEAN WIND SPEED
z	1:3	5.3	•	3.								2.6	4.7
Z	,	3.	1.1	. 7								8.5	D • 5
Z		77 •	7.	. 4								8.5	. · ·
I	-)										1.1	1.7
	27	-										1.1	3.7
ESE	•	}										77 *	0.5
35	,	~•										707	3.3
355	7.			1.								1.3	8.2
	27	u Cz	1.1	1.1								0 • 9	6 %
SS.	g.	2.1	1.4									2 • 5	4.5
*	7		1.1	7, *								[5 • 2]	7.1
S	# # # *	3.6	. 7									7.9	7.4
		~	77.	1.4								7.65	5.3
*NY	12)	3	1.1	1.1								6.6	5.7
Ž	77) . !	2.5	1 . 4	77							n • 9	3.6
Ž Z	1	2 4 5	1.5									_3•5	
VARBL													
CALM	X	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	27.0	
	7.1.7	. 6.		,								- 0::•	•

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SURFACE WINDS

•

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) 73-22 NE A THER COMBITION

SPEED		4.4	7 - 10	11 . 16	17 - 21	22 - 22	28 - 33	34 - 40	41 - 47	48 . 55	\$6 Al	*	MEAN
DIR.		,	2	:	i	i			:				SPEED
z	1/2 1/2 1/2 1/2	(A)	3	1								11.3	5.6
Z Z	e.	\ \frac{1}{6}	\$	7								7.1	5.1
¥	-	37										1.4	2.3
Z.	•	4	p.									1.03	3 ° U
-	1		ŋ•									1.04	3.5
ESE													
*		ty •	9									1.1	4.7
SSE	1 • 1		7	1.1								3.2	7.7
•	1	2.5	1 • 1	L	77 7							6.7	6.0
SSW	.71 •	1.1	L	L.								2.8	₩• L
AS		2.5	1.1									3.5	8.5
WSW		* •	1 . 1									4.66	3.0
*		1 0	7, 7	ŧ; •								3 e 5	3.5
WWW	4. 4.	· •	2.1	1.1								7.5	6.7
¥	5	2.1	4 .									₽ • Q	5.8
¥Z.	. • 1	1 0	1.01	L.								6.03	6.3
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5695	
	C) 6.4	0 47	17.7	2.5	77							170.3	ب • ن

14 00 14

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 C NONTH YEARS 20-26 ALL WEATHER CONDITION

13	SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	XI XI	×	MEAN WIND SPEED
10.66 2.67 2.75 2.75 2.75 2.75 2.75 2.75 2.75 2.7	; ;			k.	1								Į •	6.6
1													10.6	6.5
2.99 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1		•	•		-									6.7
		:,	al .		7									7.4
	¥ .			· (1	r								2.3	9.1
		 -												102
			•	,									100	6.62
1	*	•		•									(f) (m)	80°9
	36			•	,	-								10.4
	•	•	4											4.0
	SSW		٠	,	-	3) • g	7.4
	}	4	4	,	1	5 3								5.0
	M2M	4	4	•	,	,								7.8
	≥	4	4		-								•	or or
	ANA I		4	• 7	4								•	5.5
	2	- -	4	,									•	7.4
	ANA	1	•		4									
	NA SA	X	X	X	X	X		\ V		\bigvee		\bigvee	7.1	
													1300	5.7

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATION NAME	NAME						. France			•	•
	}				3 7 7 7	SC 27115 3				1		NOURS	NOURS (L.S.T.)
	١				98	CONDITION				1			
	l									l		,	
SPEED (KNTS)	1.3	*	7 . 10	1. 16	12.21	22 - 27	28 · 33	34 - 40	41 - 47	48 . 55	9 A1	×	MEAN WIND SPEED
DIR.				l								7.5	9.0
z	2.5	100										() ()	8.1
NNE	101	7.	1	4								5.3	5.5
ű Z	F	-	14/	13	13.0							d e	7.2
ENE	1.01	7, 4	7	7.4									7.6
•	100		-	104								2.0	SE.
ESE	17	-2	1	-								7.0	7.1
35	1,	3	7									8	6.00
SSE	1	19	-									4	200
•			3 6	-	7							2.5	5.0
WS8	1	-		4	7	77						2	8
AS.	•	-	20.	•								2.5	8.7
WSW	1	3, 4	٦.	11	3							15.3	6.8
*	n	2.5	4	•	3							7.1	5.6
WWW			200	1								9.3	
WM		-	7-4	7								3.2	3. EC
ANN		22	7-7										
VARBL												177	
CALM	X	\bigvee	\bigvee	\bigvee	\langle			\langle					
			2.2	17.2	£.	<u>ئ</u>						100-3	7.6
		•	4										

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

05: Lui Lu.	MONTH	16	NOURS (L.S.T.)	
	YEARS			
ev e: In		2000年 1000 1000 1000 1000 1000 1000 1000	CLABS	CONDITION
14 (a)	STATION MARK			

SPEED (KNTS) DIR.	:	4	7 - 10	31 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% Al	*	MEAN WIND SPEED
z	•	2.4	6		4							3 • C	7.4
Ž		77	-	υ• γ								3.9	0.01
ž	•	1.										6 0 3	209
E.	-		16 to 17	8 • 1		i						o • o	7.3
-	-		2.5	73.1 •								7 . 4	8.8
ESE			1.4	1 1								3.5	្រំ∌
*		•										1.8	7.7
388			.,	. 7								2 • 1	\$ • p
~	7	•	1		,							2.8	1 * 5
ASS			1.	7.								2 • 3	€*6
*S		, •	ر و ن	1.5	η.	77						8.3	9.6
WSW	•	1.0	2 4	3.5	1.1							11.0	10.0
*	, , ,	•	7	9.5		77 -						17.4	8 9
ANA A		2.5	1.0	5.5								7.1	7.8
ž	:: • 4	1.1	2.0	•	7 .							40.0	£ • 4
N.	7.		7.									5.5	1 • 9
VARBL						İ							
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	3.5	
			,	,	,								

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

934	MONTH	1 C		
	YEARS	まま 米主産 Tu-Eで class	CONBITION	
12. 14. 14.	STATION NAME			

SPEED (KNTS) DIR.	1 - 3	4 . 6	7 - 10	11 - 16	17 - 21	22 - 27	28 . 33	34 - 40	41 - 47	48 - 55	X Al	×	MEAN WIND SPEED
z	77		tr.	1	7							5.3	_
Z Z	77	7 6		.3								9.2	5.2
¥	•	4 (-	,								ڙ و و	5.6
EK.	,	7.1		.5								11.3	3°3
-	-	13	5.									15.2	3
ESE		17 7										2.0	3.5
*	•	,	,									1.5	5.6
SSE	1.3											7 1	7
8		37	,,									1.4	7
ASS.	-	ti fi	77	70								1.6	ę.
AS.	0	₩.	-	3								2 • 3	£ • 3
WSW	0.00			-								6 · 8	8 . 4
*	0		4	-								7 . 7	4.4
WNW	,	6 %	2.1	77								7.8	٠,
ž	2 6	77	7	3								3.9	50
N.Z	-,5	-										6.4	4.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	7.1	
	3.5		, ,		-							20.1	۲

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12-02

2.2 HOURS (L.S.T.)	
SLL SCATHED	СОИВІТЮИ

SPEED		,		:		3		\$;		34		MEAN
(KNTS) DIR.	P)	•	2	<u>.</u>		77 - 27	? ?	₹ :	÷	£ .	R	Ř	SPEED
z	,-	12 °	3									2.5	5.7
Z	F. 3	5		•		7.						0.11	4
ž	-	-	7.									₹•4	5.9
Z	27	37										2.5	4 . 1
-			3									4.5	2.6
352	,,											4.	3.€
33	•	•			7.							1.4	3 • €
332			7.	3								2.8	5.1
~	7	1.	~	7								3.5	ა• €
\$S¥	1 .	7.0	17 .	.3								2 • 5	5.5
*		6.0	2.1	b •								6.9	5.6
WSW		3.00	77.	•								2 • 8	60 77
>	į i	2.0	701	3								2 - 3	4.9
ANA		. • . · ·	∉: • • • • • • • • • • • • • • • • • • •	. 7								5.7	6.1
ž	7	2.1	•	7								3.4	5.5
XXX	7.	1.5										2.5	3.6
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	19.5	
	8.02	5.68	17.9	5.83	5	7						150.6	4.1

282

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-82

CTCTL FILLO. FL. states was

AE A THE P COMBITION

ALL HOURS (L.S.T.)

RONTH THE

SPEED (KNTS) DIR.	÷	•	7 - 10	31 - 16	17 - 21	2.2	2 . 33	34 · 40	41 - 47	48 - 55	N 36	×	MEAN WIND SPEED
z	E	2.5	7	4	-							8.3	ິວ•9
ZZ.		2.5	10	C		1						7.1	1000
¥	,			3								403	6.3
Z.	6.	-		3 •								4.7	5 . 8
	1,7	1, 4	1	5								23 E)	5.6
ESE	r.	ä	77	Σ.								901	6.4
35	1		,,	1.	1							107	5.9
386	ľ	۲.	37	*								202	6.3
5	-	2.1	1.4	4	4.	1.4						6.4	7.5
SSW	٢	2 4	1.44	,	•	ପ ୍						4.5	506
S		2 5	1.57	3	1.	2						601	6.7
WSW	B = C	5.5	ئ . " د	6	. 2							7.5	6 0 3
*	F	7.00	.7 4	3.1	٠							10.2	6 . 9
WHW	1	2.1	1.3	₹•1								6.8	6.7
¥	6	C • 2	1.0	5.	• 3							5.6	6.5
N.W.	7	1	1.3	2								4.02	6.0
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	15.1	
	010	2 5 6	2116	n · C E	1.1							100.0	27 6 1/1
		1											

102/845.147.4861 O90 .2.U#

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	T T T T T T T T T T T T T T T T T T T	D1 HOURS (4.8.T.)		
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	Marix CC + Mr.	ALL WEBTHEF	COMBITION	
	To Oldin Troso			

SPEED (KNTS)	1.3	4.4	7 - 10	2.	17.21	22 - 27	28 - 33	34 · 45	41 - 47	48 - 55	%	×	WIND
+			,					j				3.6	-
†	•	•										3.5	8
	,			,								200	F . 3
z ż	•	4.	•	1								2.	(C)
	•											2.3	3.7
. 2		•										1.5	2.
+		3										3.6	2.00
†			- 1	2.5								4.2	5.2
t			4		1							6.5	5.1
+	•	,	-	*								6.5	h • 3
F 30		4 .	,		1.							6.5	5.9
†	-											7.4	5.03
¥ 3		1 -										6.1	
†	-	-	-	•								4 2	€. 1
3	1.											1.0	4.2
3	-											3.9	6.4
70677	•												
CAL	X	X	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	32.7	
	,	4 W	6 31	٠, ،	£.							0.00	4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3-12

CEC11 E1510, FL

STATION

CLAS THE O COMBITION

3.4 HOURS (L.S.T.)

MA TOWA

SPEED (KNTS) DIR.	1.3	9-7	7 - 10	11 - 16	17 . 21	z · 2	28 - 33	¥ .	41 - 43	48 - 55	%	*	MEAN WIND SPEED
2	7 .	0.5										5.5	4.6
N.Z.	4 .	(~									3.5	3.5
ž	~											1.3	5.0
Z.	-	-		**								1.3	6 5
-	4	1	1									1.9	5.5
ESE			4									1.9	40.7
2	· ·	-		\$17								2.5	6.3
35.6	,		2.									4.5	4.5
9		2.6	2									5.2	5.6
SSW	-			93								6.1	9.4
×.			7 - 1			1						2.9	9 6
WSW	~		7	۳								5.6	402
*	,		~									B . 4	407
WWW	5		3									3.5	ر د م
3	1 4	0	0	~								5.8	5.7
ŽŽ		,										3.9	0.4
VARBE													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	36.1	
	3.5	5 70	* - #	C		~						100.0	7.3

05/845-147-4861 O92 .2.U#

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

S W	MANA	0.7	HOURS (L.S.T.)		
	YEARS		26489	COMBITION	
الله و الله الله الله الله الله الله الل	STATION NAME				

SPEED (KNTS) DIR.	z	N.K.	Z	ENE	_	ESK.	3	2	•	SSW	AS.	WSW	*	WWW	Ž	ZWZ.	VARBL	CALM	
. · ·	\c. \c. \c. \c. \c. \c. \c. \c. \c. \c.	0.1	0	a. 1		٠			C			0	6	6.0	6 - 7	۴.		X	
9.	3 6	1.		√: •		•		3.5	-	1.6		0	-	1 . 6,	٠			\bigvee	
7 - 10	1.6	7.	۲,			9	7	•	\$.	1.7	7	1	1.6	٩	~			\bigvee	
11 . 16					<u>}</u> 1			•		3.	٠, ٩	9.			*			\bigvee	
12 . 71							• 3		£.				2.					\bigvee	
2.2																		\bigvee	
28 · 33																		\bigvee	
34 · 40																		\bigvee	
41 - 47																		\bigvee	
48 - 55																		\bigvee	
% Al																		\bigvee	
*	5.8	4.5	3.5	1 ° 0	• 3	1.9	1.3	8 %	2.5	5.5	2.9	3 · C	8.7	5.02	3.7	5 • 4		35 . 5	
MEAN WIND SPEED	5.4	# 20	3.7	4.4	12.0	5.0	7.7	5.4	6.3	6.0	7.4	ະນ ອ	4.9	3.7	4.6	5.1			

#U.S. GPO 1984-741-348/201

TOTAL NUMBER OF OBSERVATIONS

3.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0.4	RORTE	MOURS (L.S.T.)		
CONTRACT OF THE CONTRACT OF TH	THOM HAME	SEL NEATHER	COMBITION	

SPEED 1 · 3 DIR.	z	N N	T Z	Z		ESE	35	388	8	SSW	_	WSW	*	WWW	-	-	VARBL	CAW CAW	
•	2.5	2 %	-	6.	7 2	1	-	*.	1.0	-		1 2 3	2 1 2	3.6	\$.	6.7		X	
7 - 10	2.4	2 2	-	-	-	0	6	10 N	3. P.	2.3	244	~	4 6	1.	1	1.9		X	
11 - 16		-		~	1.0			0	3 6	2.1	Ş	1.9	1.6	3.6	1.0	2		\bigvee	
17 . 21					P-1				4.	1 2		9.0						\bigvee	
22 - 27							7.3											\bigvee	
26 - 33												7						\bigvee	
34 · 40																		\bigvee	
4 . 4																		\bigvee	
41 . 55																		\bigvee	
% Al																		\bigvee	
*	8.1	5	504	2.9	6.1	2 6 5	40,	502	110	301	203	33	797	8.0	405	6.5		3.1	
MEAN WIND SPEED	5.0	702	5.1	7.7	7.7	501	7.6	7.27	9	904	300	13.1	7-7	8 . 8	6.1	5 . 9			

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C A M	13	200EF (1.5.7.)	
73-92 VEARS	ALL BEATHER		COMBITION
THE STATE OF THE TRACE OF THE T			

KNTS)	1.3	••	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	Z, Al		*
ž 2	1			-									6
N.			ي ا								ļ		3.0
¥	٠	-		~									. 3
Z		•	~ ·	613									3.2
-	C.	2.0	2 • 2	•4.1									್• 6 ∥
2	1.0	ं ग	3.6	·) •									5.2
3	c•	1.3	302	3.									6.4
3		1.3	, • T	1.6		٠,							5 • 5
•	~ •	2.0	١• د	£ €	. 3								7.4
SSW	\$ 1	1.	₹ • ₹	1.3	9.	5							3 9
AS	•	1.9	202	2.2	2.4								7 , 4
ASA		1.5	2.00	2.03	1.5								7.7
*	7	1 0 1	₹ 4	2 * 17	• 5	. 6 3							11.7
ANA		3 • 2	6 2] 1 • €		€ •							7.1
Ž		3.6	3•1										5.5
MM	1	1.00	3.										2.6
VARBL												_	
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee		3.9
	~ ; ;		7 14	0.0		•						Ľ	4 14 14

310

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ROMTE	1.5. NOVRE (1.5.7.)		
CONTROL FIELDS FE STATES TAKEN THE STATES TO SECOND THE STATES THE	CONTRACTOR TOP	CONDITION	

		9.7	7 - 10	11 . 16	17 - 21	22 . 27	28 - 33	34 - 40	41.47	48 - 55	% Al	*	MEAN WIND SPEED
. C.	,			7~								2.5	5.4
Z	•	•		1								0	6.5
Z	•											6.3	3 C
¥	P	, ·	2									١.	
Z	1.07	1	7 4 7	10	~1								
-		7	7.1	3.2								4	
ESE	-	-		201								4.04	3 6 2
3			,									305	
200	,	•	-	,								305	5.09
\$.		4		-	~							5.8	8 . 7
•				•	,							W. W.	3) 3)
SSW		4		4	1	1						7.7	
SW.	, .	. £	3.0	200	~								,
AUA		3.6	C A	0.0	1.8	. 6						3977	
3	,		0 1	(7.	94.						1109	9
	•			4	~				-			7.5	8.62
ANA	1	4	,	, ,								47	6.5
Ž		•										2.3	L • #
≩		,	•									ł	
VARBL													
CALM	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee			
	·	;	,	, , ,	V 17							130.0	5 . 4

102/845 147 4861 093 2.U#

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

A A D	NOURS (L.S.T.)		
TOUTE FIELD FL STATION NAME STATION NAME	CIKI WISK THE	COMBITTON	

6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55			-			-	7-7	1	2	2.66	E 9 6	W 4					
1.3	1.	•	-	1	•		; - -	• -			,	6 - 1	~	r.	1	X	

080 SP6 141 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAO	HORAL	60	MOURS (L.S.T.)		
65-76	YEARS		981	CONDITION	
100 miles (100 miles (STATION MAILE	Subject of the subjec	13	ano)	

	SPEED RATS)	<u>:</u>	:	7.10	ş:	17 - 21	2 . 22	28 · 33	34 - 40	41 - 47	48 - 35	St.		
	ESE E			-									1 1	√ 60 d
	\$\$ \$\$£	999	-										1 1	W
2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	S XX	4 4 4		1 2 5	to M								1 1 1	4 0 0
	SW WSW	ماء ا	4 •	3 5	4 •									9.7
	WNW		•		. 3									2.5
	NNW NAWAY			5 5	۲.									2.5
	CALM	M	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	M	\bigvee	\bigvee	\bigvee	\bigvee	1	21.5

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

ALL HOURS (L.S.T.) NONTH DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) CLASS COMBITION

	4.	7 - 10	11 - 16	17 - 21	22 · 27	28 · 33	34 · 40	41 - 47	48 - 55	% A1	×	MEAN WIND SPEED
7.		1									4.3	5.5
· .	(c.								€ °	5.4
	,		~								.e.	نه ه دن
	.7	-	•	c							. ° .	8.1
	ri r	i .		٠.							77	ر او
•	-		3								() • ()	ري ن • ن
		77	•	c:	•						5.03	္ မ
	•			c.	•							₽. • •
	.,	1.7	1 • 1								5 . 1	7.1
•	, v		٠.	•	Į:-						6.0	7.4
	-	r • cq	2 • 1	с. •							5.6	វា ខ ប
		-	r :	14.	•	•					7.3	ن د
•	~ :	6.		~							ar 600	7.6
•	•		=		•						ال ج	5. 5.
1.1			•								£ . 5	5.0
•	_	•									₩ ₹~)	5.83
				1								
\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	ૄ • છુ }	
,		+ +	77		•	1,4					ر ا باران ا	0

#U.S. GPO 1984 741 348/201

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73- 27 EL & THE ?

CONDITION

MEAN WIND SPEED	2 • €	3.0	\$ 6 G	±1. ••3	S . C	() ()	4	5.5	2.5	4.9	4.2	5.62	L . 7	7 . 7	C	5.3			2.9
×	3.7	3.00	3.7	7	207	2.0%	2.3	7.07	7.2	2	507	5.07	7.3	\$ 0 \$	3.0 4			# Ü• 3	1000
% AI																		\bigvee	
48 - 55																		\bigvee	
41 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 . 27																		\bigvee	
17 - 21																		\bigvee	
11 - 16								2	F		2	2	3	£1.7				\bigvee	2.3
7 - 10							· •	1.		- 2	£ • 3	1.3	1 . 7		~ ·			\bigvee	11.5
9: 7				•	•		,-		100	•		2.0	2.4	2.85	1.7			\bigvee	2.47
- · 3		-	•	•		,	?			•	λ • γ	0	~ 1	1 . 7	•			X	21.7
SPEED (KNTS) DIR.	z	Z	¥	E	•	55	*	SSE	9	ASS	ΑS	wsw	*	WNW	¥	XXX	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

34 HOURS (L.S.T.) A D F. 11/11/11 WEATHER CLASS STATION NAME STATION NAME

SPEED (KNTS)		4.4	7 - 10	5.	17 . 21	22 - 27	28 - 33	34 . 45	41 - 47	46 - 55	VI &	×	MEAN
<u></u>													SPEED
z		2 .	ن • <u>د</u>	N*.								C • #	5.6
ž	P	۲.	7-									១•n	10 0 m
Z				r.								2•3	5.1
Z			-									1.7	403
_	•											2.7	٠ د
ESE			•			•						2.7	(3) (4)
35	•		•									2.0	2 • 5
SSE	٠	•	٠.									ઈ•દ	6.3
												3.4	5.44
ASS.		•		•								3 • 3	្ន•ទ
**	•	-	per	\$-1									†7 * †7
WSW	•		-									4.9	2 • 9
>		-		1.								*^ */	37 101
***	r.	-	7	7.								;; • §;	0.17
Ž	, ,											2.3	5.7
NN		: . :										3.€	G•₩
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	6403	
	- 1 °	. 0.5		<u>د</u>		^						0 001	0

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	C C C A	MOURS (L.S.T.)
	YEARS	
•	2 + 2 −	NEL WEATHER
•	1.0 v F.L. STATION HAME	

SPEED (KNTS) DIR.		4.	7 - 10	11 - 16	17.21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	3 5 Al	×	MEAN WIND SPEED
z	\(\frac{1}{\chi}\)	3	2 .									8.3	5.6
Z	c											C 4	3.0
ž					•							3.0	4.3
E.		f	20									.7	S. 5.
_	•	2.3	7.									3	2 2
ESE	:	^.	•									2.0	3.7
8	7	,	2.2		2							2.7	Sec
386	C C		r:	3 ~ 4								7.02	4.9
*	7 - 7		: • 1									3.7	4 . 5
SSW	F-	1.3	<i>L</i> •	~ `\								4	4.9
S	1	1	2	۲								7.0%	0.00
WSW	P.	7.5	1.7	2 0								8.3	9.5
*	70	C .	. • I	Party.								5.0	6.0
WWW	~		2.									203	C * 7
ž	•	1 . 7	3 - 2	~,								r. • 4	6.0
NNN	•	1.7	ς • ·									3.5	5.2
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	37.5	
	21.5	7.55	13.5	6.2	4.							100.0	3.2
		l											

TOTAL NUMBER OF OBSERVATIONS

307

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	% d 7	#027#	CI	HOURS (4.8.T.)	
FENCENTIAGE TREGOLING OF WINDS DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	23 + 8.2			CLARS	COMPITION
ASHEVILLE, NG		STATION NAME			

MEAN % NEED WIND	6.7 6	7 6.3 7	5.3 7	2.7	10.3	6.7 7	3.0 12	8 2 3 8	11.3	5.3	5.3	e 4.9 8	8.17	8.7	3.01	3.0 6		5.7	
28 - 33 34 - 40 41 - 47																		X	
17 - 21 22 - 27				PT.	£- •			₽: •	۲.	<u>;</u> •	2.		3•€						
7 . 10 11 . 16	3.0		2.7 1.2		50 °C	1.5	Pr-1	2.00	5.5	C		100		2.7 1.7	7 . 7	2.0		X	
1.3 4.6	1.3			3		1.5 2.3	Pr. >	200		7. 1.	•	1 2	7 .	F C		F		X	
SPEED (KNTS) DIR.	z	ZZ	WZ	EN	•	ESE	35	SSE	•	SSW	**	WSW	>	WW	AN AN	N. N.	VARBL	CALM	

#U.S. GPO 1984 741 348/201

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.7. HOURE (L.S.T.) A P R 73-97 HEATHER CLASS COMBITION CECCL FIELD FL. STATION HAND

SPEED (KNTS) DIR.	1.3	4.4	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	% A1	×	MEAN WIND SPEED
z	0	1 .	1.0	,	,							5 . 3	3
ZZ		i i	5.5	~								4.7	7.2
¥	,	1 (٤.	1.7								J • 47	9.6
Z.			\$ 10 m	841 6								5.6	3.1
-	7.0			7 3	1.3							12.3	9.6
ESE	7 1	0.4	١ ١	2	7							7.7	និត្រ
35	1 7	. 4	1.7	1.3								4.7	7.0
SSE				7								7.0	6.5
S	,	1	7	7	. 7							5.3	10.6
SSW	7.	7 1	1.2	1.3		7						5.9	G.
AS.	2 7 1	1.3	7.5	2.7	,							7.7	9.2
WSW	J * 1	-	C 2	₹*1			7					6.3	9.9
*	٤•١	. • 1	ប្≝ក	5 5	7							12.3	10.6
WW.	2	1.	£ • I	L.								4.5	7.4
ž		, T	1.7	P~ ;								102	7.0
NY.		- 7	•	P.7		. 3						2.7	9.6
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	K. * #	
	13.7	19.7	2 2 2 2	22.0	13° 13	۲.	1					100.0	* 5

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SURFACE WINDS

1.6 HOURS (1.8.T.) MONTH 12 Q

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-32

CTCTL FTELO, FL

SEATHER CLASS

CONDITION

MEAN WIND SPEED	6.5	1	0	3 4	2 - 0
*	C.			; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
3 5					
44 · 55					
41 - 47					
34 - 46					
28 - 33					
22 · 27				•	
11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 44 - 55				1.	
11 - 16		1.8	2.7	C .	
7 - 10	4	4	0. 6.)	€ • 8.1	
4.6	7.		7	1.3	
1.3	٠,	1 0 7			
	٦				f

SPEED (KNTS) DIR.	÷	4.	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	44 . 55	\$ AI	×	MEAN WIND SPEED
z	7.	7	•									C.	6.7
NNE	1.07		7.	1.5								,,	1
ž		, • I	\$	2.02								6	0
Z		1.3	10	€ 2	1.0)>						3	10.01
E .		3.3	L. 5	ر ع م	F.1							10.	
ESE	-	1.3		€ • €	20							7.7	
38		1.	1.07	**									' 1
SSE		₽ 0	• [•]	- 1								1.7	9
•		7.	٠,	- 2								2 - 2	
SSW	•	•	ξ': • •••	7 . 7	ş.·.	6.0						5.7	11.2
ž	~ •	7	3.	€ e	.3	Fr :						6.7	10.7
WSW	•	3.7	74	£ :	• 3							0.01	7 0
>	, • ;		7.0	ਵ : • ਜ਼ੜ੍ਹੀ	. 7							13.0	9.0
WNW	•	-	•	₩] •								4.7	7.4
Ž		•	6.0	2								1.7	6.6
N.	1.5	. 1	1 • 7									0.4	F &
VARBL													
CALM	\bigvee	\bigvee	\bigvee	X	X	X	X	X	X	X	X	1.3	
	1.0	19.7	2.68%	29.2	200	1.0							٥
								1					,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17-52 18.1 HTATHED 61.48 CLASS CONSITTON
12 10 12 1

			-	17 - 21	22 - 22	28 - 33	34 - 40	41 - 47	48 - 55	S, Al	×	SPEED
		*									• 3	6.0
		-	۴								1.97	7.4
	-		*								5.3	6.1
-	5	17	1.4								5.5	7.1
1	•	4	1								15.0	6.04
,	.,	(•	.,								12.7	5.27
	١,	, ,	~								7.6	5.7
	1 4		~								1.3	7.8
7			2		-						1.7	9.2
	-	7~	9-73 6								្តង	5.8
2.	F	ਂ ਸ਼	1.7								10.0	7.1
1.7	7.0	,	Pri)								3.5	6.1
,	5.0	<i></i>	6.1								7.5	
2.5	1.7	1.7									₹ . 9	0 . 4
,	-	,									3.0	\$ ·
		•									C:	4.7
\mathbb{N}	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	E . 3	
1	7 8 K		G.		4.						100.0	6.1
	4 4 4 4 4 4 4 4 4 4 4 1\/# 4		10 10 10 10 10 10 10 10 10 10 10 10 10 1	1	1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4	2 2 2 3 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4	2 2 2 3 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4	7 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

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TOTAL NUMBER OF OBSERVATIONS

300

SOMS

WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

APP	MOM	2.5	HOURS (L.S.T.)		
73-47	YEAR\$	PL SEATHER	CLASS	CONDITION	
	STATION NAME				

102/846-147-4861 O49 211#

299

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

App	ALL HOURS (L.S.T.)	
	ALL SEATHER	Comparion
1 3 3 3 3		

SPEED (KNTS)		4.6	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 45	41 - 47	48 - 55	% Al	×	MEAN WIND SPEED
Z		-	,	c	r,							57	80° 80°
Ž		-	-	3								3.0	5.6
ž			0.1	6,	0	}						40.7	6.3
Z			0,	7		€.						2.4	9.1
•	E .		0	100	,	c :						5.6	7.3
ESE		,		er.	-	C.						6.3	6 . 9
35	e.	1 .	1.	Σ,		0						3.8	6.5
SSE	0.0	1	•	41°	C:							3.0	6.2
•	-		12.0	7	5	-	ប					0.5	7.2
SSW		C = 1	2 9 5	i i	. 1	• 1						4.5	7.2
λS	0.4	5 1	1.7	2 • 1	. 1	٠. •						9 6	5.5
WSW	-	\ \	3	: 1	÷	C /	. •					2 • 6	6.9
>	2 4			2.1	2 4							ບ •	7.4
WWW		4	1.3	\(\frac{1}{2}\)								8	6.0
Ž	•		्।	Ç.	£.?							2.3	(·)
ANN.		S • 1	3°	₽ .		0						2.5	5.0
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	19.9	
	1 2 1	1 36	7 7 1	11.3	• •	7						ាក្ន	ی د ک

102/845-147-4861 O49 2.UA

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Y A X MONTH	CO MOURE (L.S.T.)	
YEARS		
() () () () ()	CORPORATE TOTAL	CONDITION
CICLL FIFLDS FL		

SPEED		7-7	7 - 30	31 - 16	17.21	2.2	28 - 33	34 . 46	41 . 47	46 . 55	\$	*	MEAN
DIR.	•	•	:	:	i	 	}			}	} 	· · · · ·	SPEED
z	•	•	n)									ु• म	4 .5
Z	6	•										3.9	2.8
Z		•										1.6	203
EN	•	•										3.6	C* 2
_	•	· •	•									1.6	3.9
252	•	10°.										6.2	\$ a 4
3	4	•	<i>Ş</i> .									6.2	₽•4
22	6.		9.									¿•₹	6.4
•	iyi p	, . , .			. 3							101	4 . 3
SSW												₹•\$	ti e ti
Š		,	•	~)								ક ે †	5
WSW	F.	79 167	1									n • 3	4.5
*	0	6										ક્ • દ્ર	3.6
*N	•		2									1.9	3.2
Ž	17	•										9.	¥ • 53
N.	•	•	3.0									201	J• Q
VARBL													
CALM	X	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	ទូ ខ្ន	
	2 36	7-11-	3 5	,	2 '							57051	7 . (

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

>42	MONTH	NOURS (L.S.T.)	
73-02	ALANS.	ALL 424 1470	CONDITION
TIL FIELD. FL	STATION NAME		

(KNTS) DIR.		9 . +	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
z		ن پر		F-1								9	40
7.2	e m		2.									5.01	3.4
ž	¥.											ເ.• • •	() 37
EN EN	~											~	2.0
-	17											F1	2.3
555	, F	2 4 3										0	3.7
3	1	•										2.6	2.3
SSE		:: • • • • • • • • • • • • • • • • • •	7			P**						1.9	9.3
•	* ·	3.5	~									673	
SSW	6 1	\ \ 1	5, 4									γ γ	4.3
SW	- T	1.5										202	\$. M
wsw	7 4	6 5	2	λ -								7: 0 3	4.00
*		ί•₹	3*									6.0	6°
WNW	÷ •	7 1										7.01	
¥		E •	2									1.60	202
NN	•		2									ः • ।	3.7
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	M	\bigvee	\bigvee	M	X	\bigvee	51.3	
	7 6 6	2 2 6	4* د	4,		4.						1.00.0	, ,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YAY	MONTH	67	MOURS (L.S.T.)	
	YEARS	ESEL TO SELECT T	8773	CONDITION
	STATION MAINE			

			7 . 10	11 - 16	17.21	22 . 27	28 - 33	34 - 40	41 - 47	40 . 55	AI AI	*	X EXX
<u> </u>		•	2	• •	i	l	} }	:	;				SPEED
2	•	,										16.0	# C
N Z	-		r-									3.6	7.8.7
W Z												1.9	403
Z		•										£ •	() ()
		•										3•1	1.4
ESE	-		~ `									1.6	17 ° 17
*	.,		42									3 9 17	305
SSE		1	•									5.4	3.5
•	(•								y • 5	5.4
ASS		•	~.									403	3.5
3	c.											₹ • ₩	4.5
WS.W	6			~	* 3							د و د	3 * 7
3		·		,								10.7	3.7
WN.												1.0	
Ž												1.6	1.6
Ž Z			•									3•2	# 55
VARBL													
CALM	X	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	38.00	
	2 2	7 21	4 L	4 . 4	~							a•d01	2.5

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900

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Y 4 2	MOM	MOURS (1.8.7.)	
The Artist Control of the Control of	STATION NAME	SETTED TO	COMBITION

MEAN WIND SPEED	5.7	5.9	6	5.3	0 . 3	5.5	7 . 4	4 . 1	5.5	7 . 4	7.63	d &	4.2	2.5	0.9	2) BB			νς. •
*	3 6 5	S. 8.	2.07	ν, • ν,	7.4	्र • व	~ n	1,0	10	tr • 3	7.7	6.1	110	6.5	2.6	105		4.4	139.3
99 A1																		\bigvee	
48 - 55													į					\bigvee	
4 - 47																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
22 - 27																		\bigvee	
17 - 21								1.		F~ :	2 4							X	1.0
11 - 16	•	•	~						P.	9	1.03	1.6		•				\bigvee	υ •/-
7 - 10			•		(-		C:	9.	5 6	3.	4ª Ci	2 .	0.0	1.	, •	• 4		\bigvee	7.7.
4.6		6	-	-		•	-	1	1	•	•	· •	6°	•	•	,		\bigvee	11.3
1.3	,		•		~~	, ,		•		•	. 1		ري. د د	1, 1	. 1	•		\bigvee	2 2
SPEED (KNTS) DIR.	z	ZZ.	¥	Z		ESE	*	SSE	~	SSW	35	WSW	*	WNW	Ž	XXX	VARBL	CALM	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NOURS (L.S.T.) A A A DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 70 B 15 4 T × E ?

SPEED (KNTS) OIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 · 27	28 · 33	34 · 40	41 - 47	48 - 55	S Al	×	
z			#*:	M.								ĝι. • ŧn	
Z			•	•								\$ 6	
ž			•	1) 							5.0	
E E	•	•										ਜ਼ • ਲ	
		•	•	9		•						14.5	
ESE			υ •••	•								2 • 3	
25				~								6.2	
SSE	0.1	•	•	4								3 • ب	
			•									g. •	
NS.	•		7. €	•	•							1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
35		.,	ÿ. €. ;									3.43	
W.S.W			\(\frac{1}{2}\)	200								7.0	
>			to a									11.3	
WAN				***								C 4 5	
ž		•		1								3.62	
KKK	•		-									1.	
VARBL													_1
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	e. ≢	1
		4. 10:	2 3 2	1) 14	4	7						1.0001	

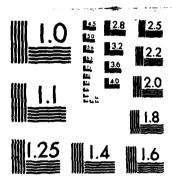
TEV 1861 OHD S D¥

TOTAL NUMBER OF OBSERVATIONS

310

SMOS

AD-A150 390	SUMMARY CECIL F DETACHM	OF MET	EOROLO ORIDA(GICAL U) NAV	OBSER	VATION EANOGR	S SURF	ACE (S	MOS)	2/	4
UNCLASSIFIED	DETHUM	EN! H5H	FAILLE	NC r	100 84			F/G 4	/2	NL	
į.											



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

N A W	1.6		
73-92 verms	ALL MEATHER	COMBITION	
CTCTL FIELDS FL			

17.21 22.27 28.33 34.40 41.47 48.55 256					9*						[] [] [] [] [] [] [] [] [] []						
91 - 11	. 3	9.	9. 9.	3.5	2 4	.5	.3 1	5.0	30 50	1.3	103	2.3	2.9	2.0	3	6.	
1.3 4.6 7.	6 1 6	3 1.5	1.2	3 601 50	5 2 4 2	3 3 3 3	2 3.5 2	1 3 9	3 1	1 0 1 9		2 2 3	3.5	1 9 0		.3 .3	

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SURFACE WINDS

19 HOURS (L.S.T.)

F A Y

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-22 VEARS
SHEVILLE, NC PER (F	CECEL FIELD, FL STRING MARK

WEATHED GLASS

COMBITION

											-	
	•	7 - 10	31 - 16	17 - 21	2.2	8.	34 - 40	4 . 4	28 - 85	% %	*	MEAN WIND SPEED
	C	7.									1.3	5.5
i)	2.3		30								3.5	5.6
\ \frac{1}{2}	7.0										1.6	3.8
7.6	e:	3.6									0.6	5.5
0.00	3.0	70.1	0								9*12	6.1
0.0	7.4	8.9	•								17.1	6.2
1.6	3.5	1.6									1.7	5.2
	1.0		6:								2 * *	8.6
5 6	2.0	9.	~;								5**	4.9
2.3	C •	~:	~								6*8	4 . 1
0	-		1.3								2.5	7.2
1.9	6.	2.3	۳,	 							5 * 9	5.7
•	1.3	1.3									6.2	6.3
2	1.3	-									6*2	4 . 1
1.0	70	~;		• 3							3.5	5.5
è.	4.	•									1.6	4 . 4
\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	3.5	
21.0	42.3	26.8	5.3	9.							a•but	5.6
			4.6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4.6 7.10 11.1 1.0 1 2.6 1.2 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 1.3 2.6 2.3 2.5 2.3 2.6 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2.5 2.3 2	1.67	4.6 7.10 11.16 17.21 1.0	4.6 7.10 11.16 17.21 22.27 1.0	4.6 7.10 11.16 17.21 22.27 28.38 1.0	4.6 7.10 11.16 17.21 22.27 20.33 34.40 1 o	4.6 7.10 11.16 17.21 22.27 23.33 34.40 41.47 1 o	4.6 7.10 11.16 17.21 22.27 23.33 34.40 41.45 12.25 2.2 23.33 24.40 41.47 44.45 12.07 23.27 23.23 24.40 41.47 44.45 12.07 23.27 23.27 23.27 23.27 23.27 23.27 23.27 23.27 23.27 23.27 23.27 23.27 25.25	4.6 7.10 11.16 17.21 22.27 23.29 34.40 41.47 44.85 256 1a.7 a.7 a.6 a.5 a.6 a.7 a.7

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SURFACE WINDS

BEDGENTAGE EDECLIENCY OF WIND

	Y A M	2.2 Nouse (1.5.7.)		
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	FIELDS FL STATES NAME TANK	ALL WEATHED	CONDITION	
ပ Z	7			

SENTS)	1 - 3	•••	7 . 10	11 - 16	17 . 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	7 84	*	MEAN WIND SPEED
z	1.3	1.0	6.	• 3								3.2	
Ž	2.5	5.										3.2	
¥	3.5											2.6	
7	70	1.9										2.6	3.9
	5.5	1.9										n • L	2.6
363	3.2	2.5	1.07									7.1	4 . 4
3	5.2	2.3	1.3	. 1								1.8	
22	3.5	2.6										5 . 6	
8	5.4	1.3	5.	• 3								7.1	0.4
35W	8.	1	9.									2.6	5.0
AS	3.1	1.3	3.0									6.9	6.5
WSW	3*	1.0	2.3	9.								4.5	
*	207	6.1										2 • 5	
WHA	2.1	1.0										6*1	3.5
¥	9.	y•										2.01	⊅• %
24		. 3										ξ*	9
VARBE													
CALM	\bigvee	\bigvee	\bigvee	X	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	E+62	
												- 55.	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAY	MONTH	ALL	MOURS (L.S.T.)		
	SHV2A				
いだーカト		ALL WEATHER	CLAM	CONTINUE	
CCCIL FIELD, FL	STATION HANG				

SPEED 1 - 3 4 - 6 7 DIR.	12 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NNE 1.5 1.00	N	3.	E\2	ESE 1.04 2.7	7-1 1-7	1.5 1.5	2.5 2.3	1.3	103	1.00	2.3	1•1	e · · · · · · · · · · · · · · · · · · ·		VARBL	CALM	
91 - 11	• 6	2.0	•3	1.8		205	27 ·	.7		1.0	1.6	-	2.3 .6	\$. 4.	ប្ • ង•	3.			
17 - 21					•			• 1	•	7		•			0			X	-
n . n					0			0.										X	
8 8																		X	
2. 4																		X	
41 - 47																		X	
28 - 85																		\bigvee	
3 5																		\bigvee	
*	200	3.5	2.5	5 9	2.6	2.9	1.8	0.4	1 • 9	4.1	2.5	7.5	1.0	3.0	1.2	h • 1		25.8	
MEAN VIND SPEED	4.0	4 . 5	4.7	6.7	6.3	8.8	2.5	5.3	8.0	5.8	9.9	6.5	5.9	5 . 1	5.1	5.3			

102/846-147-4881 093-2-U#

TOTAL NUMBER OF OBSERVATIONS

WINDS SURFACE

(1) 100 mounts (c. 6.T.) PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED 73-82 WE ATHER

COMBITION

	•	7 - 10	31 - 16	17 . 21	2 · 20	22 . 23	3	41 - 47	48 - 35	3 6	*	MEAN WIND SPEED
2	2.3	٦									5.7	3.5
20.3	1	1.0									£ • €	4.1
		¥ 4									1.5	4.0
	1.0										1.3	4.6
5.3	-										3.0	2 . 8
1	1.7										2.7	3.5
1.3	14.	1.									2.7	4.3
COE	2.3										5.3	X a h
7.1	2										0.6	2.8
5 13	1.6										6.7	30.1
1.7	2.0	1.3									0.4	3.9
2 8	\	.7	. 3								J • 6	4.0
2.0											0 4	4.0
	7										1.3	3.3
ž ·		8.8									.7	6.5
1.5	1.0	1									2.0	4.0
\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	36 . 7	
36.5	21.7	5.3	~ `								0.001	2.3

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

D& NO PE (FROM HOURLY OBSERVATIONS) 73-R? ALL VEATHER COMPATION CECIL FIELD, FL states man

O T O NO.

SERIE GENTS) DIE.		•	7 . 10	* :	17 . 21	n · n	25 . 25	4 . 4	4.0	4 . 55	3	×	MEAN WIND SPEED
z	2.5	1.1	7.									5.7	4.3
Ī	4.7	-	~									5.7	3.0
ž												1.3	3.3
7	£•	. 7	6.0				i					1.3	2.0
•	. 3											4.	8 • A
2	1.0	• 3										1.3	3.0
2	ິວ•ີ 	•	- Z •									2.2	3.0
22	2.3	. 7										2.5] • <u>{</u>
•	⊕•a	P7 0 0 0	₹•									6.7	3 • 5
35W	200	. 3										2.7	5.5
SW	202	1.3										4.4	6 2
MSM	[0 to]	3•2	1.3									h • L	3.7
*	7.5	2.3	1.0									0*8	4 * 5
WWW	1.0	2.0	, T									0.5	3 . 8
M	1.5	. 7										1.7	3.2
NAW	. 3	5 0	6.4									1.3	5.3
VARR													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	43.5	
	8 72	7 31	7 7									0.001	, ,

NAVAL WEATHER SERVICE

SURFACE WINDS

	NUL	MOUNTS (L.S.T.)		
FERCENIAGE TREGUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-92 veals	ALL WEATHER	COMBITION	
ASHEVILLE, NG	CECLL FIELD. FL. STATES MANGE			

SPEED (KNTS) DIR.	1.3	9.7	7 - 10	11 - 16	17 - 21	2.2	28 - 33	2 6	41 . 47	4 . 55	%	×	MEAN WIND SPEED
z	t:	7.2	1.									9.4	4.3
2	2.7	2.0		\$ 4								5.0	3.6
Γ	1.7	1.7	3*1									0.0	4.9
Z	0.4	1										1.3	2.5
		1										1.0	2.0
252	7	13 ° C										1.7	3.6
	1	*	**									1.0	5.3
256	0.1	2.3	1									3.7	4.3
	1 2	1 *1		2.								7.0	3.6
ASS	2 3	7. 3										5.7	3.64
	£ 4 7	1.1										5.0	2.7
wsw	竹で分	5•ξ	2.7									12.0	0.4
	6.0	* FT	8.4									12.0	3.6
WWW	1.7	1.7										3.5 3	3.7
Ž	~		4.									1.3	5.3
N.	1.3	. 3										1.7	2.8
VARBL													
CALM	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	24.7	
	87.8	1.05	6.6	7.								0.001	2.8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10 nouns (L.S.T.) 13-32 ALL WEATHER COMBITION CTOTL FIELD, FL STATES MANE

0.38 %? 8741800

KNTS S		• •	7 - 10	11 . 16	17.21	n · n	3 2	4 . 4	41 - 47	48 - 55	S Ai	×	MEAN
- A													
z					-							5.3	7 0 6
Ž	C.	2.7		1.3								6.3	8.8
ž	3 6	2.5	1.7									5.7	1 • 5
Z		C • Z	7	~								4.7	2 • 9
_		•	2.3	~								5.0	2 9
22	0 · ·	1.	1.3									3.3	8 • 19
*	3	2.5		*								2.7	9*5
3	7.		~									2 • 3	9 * 4
-	1.0	2.0	1.7									5.3	6.3
ASS.	1.3	3.7	٥.									6 • 0	2.0
Š	1.7											6.7	5.1
ASA	~	2.0	1.0	7.								C - S	4.9
>	10.00	2.0	2	1.0								7007	C*9
***	2.0	C *	2.7									7.7	5.3
ž	2.5		0.1									2.7	5.1
2	4.		1.3									2.3	6.
VARBE													
CALM	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	10.7	
	1.66	32.0	2.25	8 9 77								1:00.0	2*\$

#U.S. GPO 1984 741-348/201

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	NON	NOURS (L.S.T.)	
(FROM HOURLY OBSERVATIONS)	CECIL FIFIDA FL STATES NAME 73-82 VEARS	ALL WEATHER	COMBITTION
	3		

SPEED (ICMTS) DIR.	÷:	*	7 - 10	3 - 16	17 - 21	22 - 22	28 - 33	34 - 40	4 - 47	48 - 55	%	*	MEAN WIND SPEED
z	0.	-	1.5	F-1								3.7	6.2
2	0.00	1 . 3		~								5.0	5.6
ž	2	1.7	C	1.0								5.7	8.1
E E		(C)	C.	2.0								11.3	7.1
-	2 - 1	2.2	•	1.3								7.0	6.7
22		5.4	1.2	*								343	5.7
3	1.2		~									2.3	3.4
22	~	2 2	103									4.0	5.3
8	7.5	1.2	3.6	8.0								5.3	4.8
SSW	U i	1.0	3.5	3 • 1								5.0	7.4
SW.	۲	5.1	206									3.27	7.0
WSW	0		7.2	5.4	.,							8.7	C L
>	4	C 4 3	7.3	1.0								17.3	8.6
WWW	5 0	2.0	3.5									7.2	5.4
Ž	2.	1.3	25									2.3	6 4
MAN	1.0	1.0	, .									2.3	4.1
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5.7	
	* * *				•							200	,

#U.S. GPO 1984-741-348/201

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

THE STATE OF THE S

16 HOURE (L.S.T.) DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-82 ALL NEATHER COMBITION CROSE FIELDS FL

MEAN WIND SPEED	7.6	9.5	8 . 4	8.2	7.7	9.9	7.3	7.9	7.1	5.6	6.8	7.2	6.8	7.1	8,0	6.2			7.2
*	1.7	3.7	5.7	10.0	18.0	7.3	0.9	2.7	6.9	0.4	7.0	7.3	0.6	3.7		3 * 4		1.3	100.0
%																		\bigvee	
48 - 55																		\bigvee	
41 - 47																		\bigvee	
34 . 46																		\bigvee	
8 · 8																		\bigvee	
<i>u</i> · <i>u</i>																		\bigvee	
17 - 21					4.													\bigvee	7.
91 - 11	73	1.3	1.7	3∙₽	2.3	• •	. 7	7.	C •	₽-7i	2•1	ر. ۲• تا	1.3	L •		í		\bigvee	16.3
7 - 10	•	1.7	2.3	3.7	0	2.0	C)	ξ.	1.7	€ 6°	202	C :	2.7	1.7	<u></u> (*	1.5		\bigvee	43.7
4.4	•	۲,	•	2.7	2.5	1.7	¥ • 2		3.3	1 . 7	2.2	5.5	3.7	. 7	2 •	1.01		\bigvee	25.7
1.3	•3	92 V	C •	4	6 €	1.7			2.	G 63	£ • 1	7.0		2.		S • •		\bigvee	14.5
SPEED (KNTS) DIR.	z	Z	Z	Z	_	23	3	33	•	XSX.	*\$	MSM	*	WNW	Ž	794	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13-87	200
STATION MAME	2021
ALL SERTHEO	19
CIVE	HOURS (L.S.T.)
Constitue	

(KNTS) DIR.	1.3	4	7 . 10	11 - 16	17 - 21	12 · 22	28 - 33	34 .	4 . 4	48 - 55	VI %		*
Z		. 7	7	7.									2.3
	7	1.2	1.2										3.7
¥	1.0		2.3	1									40.2
ENE	5.2	7.07	3.2	2.0								1.	10.7
-	5 T	7.2	6.0	1.3								16	16.6
ESE	3.5	8.0	3.3	[[]								12	12.3
36	1.0	2.3	1.2									5	5.3
355	1.3	7.	1.9	1								3	C
s	7.0	1.2	1.2	4	1.							6	*
SSW	4.0	3.0	1.3									B	~
SW	1.7	1.7	1.3	k T								5	C 3
WSW	2.2	2.7	1.7	7.								7.	5
×	1.2	2.1	1.5									5	0
WHA												1	•
MM	.7	1.0	1		.7							2.	1
NAM		. 7										•	7
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	M	3,	P 7
	25.3	1 1 2	7.85	5.63	1.0							3.861	£.

040 SPE 1947 4881 OHD 2.U#

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

אחר	YEARS	22	ROURS (5.5	
	STATION HARE	TENERS LINE TO THE	CLASS	COMBITTION

SPEED 1 - 3 (KNTS) 1 - 3 DIR.	z		-	-		-		-	"	2	H	, wsw	>	WWW	-	-	VARBL	CALM	
*				2 - 1		F .	c.	<i>(</i>	-	L	-			d •	7.			X	
7.10	F.					٠	-	٠		4	2	1	, ,		۴			\bigvee	
31 - 16	~;				(.)	~												\bigvee	
17 - 21																		\bigvee	
22 - 27																		\bigvee	
28 - 33																		\bigvee	
34 - 40																		\bigvee	
41 - 47																		\bigvee	
4 - 55																		\bigvee	
\$ Al																		\bigvee	
×	3.7	្លូខង	300	2 0 19	6.3	6.7	0.9	€ 8	1.6	1.3	5.5	2.5	2.9	į. •	2.5	3.5		19.7	0.001
MEAN WIND SPEED	5 . 4	4.7	2.6	3.2	2 . 8	4.3	3.4	3.4	309	3.4	5.8	4.5	4.9	U • 1	4.5	6.3			2

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	

MONTH	ALE CLETT		
73+R2 VEARS	8 T H C P	CONSTITUTE	
STATES STATES STATES	STATE SEA TAR		

N	ſ													
1	ATS)		•	7 . 10	3 16	17.21	n . n	28 - 33	34 - 40	41 - 47	4 . 55	%	*	MEAN WIND SPEED
1.9 1.6	z	3,	12	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(4.3	4.9
11	Z	6	1.6	3	3								G 4	6 4
1.2 2.0 1.5 .c .7 .1 .1 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	#	-	2	1	7								3.8	5.0
1.7 1.9 2.5 7 1.1 1.2 1.2 2.2 1.2	¥	,	٠.	•	v								9 9	5.5
1 x 2 y 1 z 2 y 2 y 2 y 2 y 3 y 2 y 3 y 2 y 3 y 3 y		6	0			-							7.1	6.3
1 5 1 4 9 1 1	2	-	, , ,		6.								3 9	5.3
1 E 1 & 6 1			17		7								3.6	4.8
3 4 2 7 8 3 7 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	u.	-	4	-								0 - 0	4 . 4
2 F		17	١,	or	~	0							7.3	403
2 1 1 2 1 0 2 1 1 2 1 2 2 2 2 2 2 2 2 2	≥	i.	•	1	6								5.9	77 0
2 2 6 1 9 4 1 1 10 10 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	-	•	•	2.								5.2	4.7
10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	3	•	2.6	0.5	.5	7							7.9	502
1.1 1.2 1.6 1.9 1.9 1.9 2.0 1.9 2.0	2	Í٠	5 4 3	١ ٠	5	C							10.3	5.4
20.5 20.0 10.1 10.0 10.0 10.0 10.0 10.0 10.0	≩		1,	-	-								3.4	5.1
2 - 1 - 5 - 1 - 5 - 1 - 1 - 1 - 1 - 1 - 1	≥	4		3		-							1.9	5.5
22. £ 28.9 16.2 4.27	₹	-	1	-	63								•	5.2
	=													
	I.M	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	(()	
		3 7 7 6	5.96	10.2	4 . 2	10							100.0	M •

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	JUL.	HONTH	0.1	HOURS (L.S.T.)		
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	7.2 - 2.4 2.2	YLAB	A STANKE TO THE STANKE	ctAge	PMAT(SHED)	
	THE BUTTER TECTO	STATION MARK				

STATION

									 	_				
1.0	SPEED (KMTS) DIR.		•	•	11 . 16	17 - 21	11 · 17	28 - 33	34 - 46	41 - 47	40 - 55	%	*	MEAN WIND SPEED
100 06 01 01 01 01 01 01 01 01 01 01 01 01 01	z	•											1.6	4.4
1 = 0	Z	C • 1	9.										2.6	2.6
1	ž	~	4	~									1.9	305
33.55 20.0 3 4.0 2	Z	£.	£.											3.0
2.03 2.3 .5 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6	-	3.6											•	2.3
2.7 2.3 .5 .6 .6 .6 .8 .3 .3 .5 .3 .5 .3 .5 .3 .5 .3 .5 .3 .5 .5 .3 .3 .5 .5 .3 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	25	,,,	.5										•	3.3
2.7 2.3 .3 .4 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	3	P* :	\$	4									3.1	5 • 5
33.5 20.3 4.2	3	C .	20.3											3.5
3.3.5 2.0.3 4.2	•	1.	2.9	٠									10.6	209
3.5 2.9 .6 4.5 2.9 .6 1.5 2.9 .6 1.5 2.9 .6 3.5 2.9 .6	ASS	^,											•	2.8
3.5 2.9 3.7 4.2	ž	~ • • • • • • • • • • • • • • • • • • •		٠									•	0 *
33.5 23.3 4.2	ASA		2.9										•	3.9
33.5 23.3 4.2	*	5.7	6	٠										3.5
33.5 23.3 4.2	WW	•	1.0										•	2.2
33.5 23.3 4.2	Ž													
31.5 23.1	24	1.7		٠,									•	3.1
31.5 (2) 4.2	VARM													
2.05	CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee		Ì
		33.5	23	₹ 4									100.0	1.9

405.6PO 1984 741-348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	JUL NEARS HOWFH	D 4	
(FROM HOURLY OBSERVATIONS)	73 - 97 - 12 - 12 - 12 - 12 - 12 - 12 - 12 - 1	SLL BEATHER CLASS	1011(102)

4.6 7.10 11.16 17.21 22.27 28.28 24.40 41.47 48.55 256 13.00 11.16 17.21 22.27 28.28 24.40 41.47 48.55 256 13.00 1													_	
	SPEED (KNTS) DIR.	:	:	7 - 10	ž. :	17 - 21	n · n	25 55 55	2. 3.	41 . 40	48 - 55	VI 86	*	MEAN WIND SPEED
	z												2.9	3.9
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ZZ	9	-										3.5	3.0
1.2	ž	10.3	٠										1.6	3.0
1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Z	-	• •										1.3	3.0
1. 9 1. 7 1. 3 1. 7 2. 3 1	-	, ,	41										2.3	2.9
1. 3 1. 2 1. 3 1. 2 2 2 2 2 2 3 3 3 3 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 4 5 4 5 4 4 5 4 4 5 4	3	9	7										103	2.5
7. 3. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	×	6.41	1.0										205	249
	3	2		5.									203	304
	•	ν. «Υ	2										7.1	205
2 c 1 d 2 d 4 d 4 d 4 d 4 d 4 d 4 d 4 d 4 d 4	X5X	2	•										206	2.5
1 2 3 4 4 5 4 6 4 1 4 4 5 4 6 4 6 4 1 4 4 5 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4	AS.	9 0											20.5	2.8
	WSW	-	3										11.0	3.6
	*	6.		7.									5.2	3 6
	WW.	1	6										1.6	2.6
	Ž													2.3
	NAN.	3.												3.3
	VARBL													
40.71	CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	47.4	
		C-Y'2	16.9	1.6									150.1	1.6

102/845-147-4861 GPO .2.U#

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

G.7 HOURS (L.S.T.) JUC I (FROM HOURLY OBSERVATIONS) 13-22 WE & THE S CECIL FICED, FL.

COMBITION

2 (K. N. J.	3.3	•	7 - 10	3 · E	17 - 21	22 - 22	28 · 33	4.	41 . 47	46 · 55	\$ Ai	*	MEAN WIND SPEED
z	1	0 0										4.2	4.5
N N	0.2	ı										6.5	3.2
ž	\$											1.9	2 • 3
Z												1.9	2.5
_												1.3	2.5
3		~										1 • 3	2.3
2		5	•									2.3	3.7
ä	-	1.9										3.2	3.4
•	8.0	0.	2									7.1	2.8
AS .	1 4	9.										2.0	2 • 8
3	1	1.5	٥									1 • 9	ς•ε
75	4.2	2	3									10.0	3.9
3	9 5	13	۽ ا									11.9	3.3
256	1											1.3	2 . 3
Š	4	-										1.9	5.4
Ž	् ~	1										1.9	3.5
VARBL													
CALM	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	54.2	
	4 61	5 30	7.6									100	7.5

TOTAL NUMBER OF OBSERVATIONS

310

SURFACE WINDS

THE PERSONAL PROPERTY.

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11-32 ALL MEATHER COMPITION

NOURE (L.S.T.)

1.2 1.2 1.3 2.5 2.6	2.2 1.2 2 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	SPEED (KNTS)	1.3	•:•	7 . 10	11 - 16	17 - 21	12 - 22	28 - 33	2 3	41 - 42	48 - 35	3	*	MEAN WIND SPEED
1	1	E				1								3.5	3.5
10 14 15 4 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	z	4	~ 1										2.6	4.6
1.0 1.2 1.3 .3 .4 .2 .2 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8	1.0 1.1 1.1 2.5 1.0 4.5 1.0 4.2 1.0 4.2 1.0 4.2 1.0 4.2 1.0 4.2 1.0 4.2 1.0 1.0 4.2 1.0 1.0 4.2 1.0 1.0 4.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	77	4	44	F									5 0	7.0
1.0 1.2 1.0 66 4.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1.0 1.2 1.0 66 4.2 2.9 2.9 2.9 1.0 6.0 4.2 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2	Z	5	7	-	**								5 7 3	6.1
1.0 1.0 2.3 2.9 2.9 2.9 2.9 1.0 1.0 2.3 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9	1.9		15.3	50	c	9								4.2	8
1	1.0 1.0 1.0 2.9 1.0 1.0 1.0 3.4 2.0 1.0 1.0 6.4 2.0 1.0 1.0 6.4 2.0 1.0 1.0 6.4 2.0 1.0 1.0 6.4 2.0 1.0 1.0 6.4 2.		103	3	991										6.5
1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	2	1.5	200	٥٩	~								2.0	5.9
1 5 1 0 1 0 4 6 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 3 3 2 4 2 2 6 5 2 6 9 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	×	5, *		3									V - 3	
2 3 3 2 4 5 5 1 1 1 1 2 2 5 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 3 3 2 4 2 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3	3-1	1	301									9	2
2.5 3.2 2.5 10.2 2.7 2.3 4.2 10.2 2.8 5.2 2.6 10.2 3.1 5.1 5.1 5.2 2.9 2.9 2.9	2 5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	•	•	4	2	7								1	4
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	X	•	- 4	4									1	3.5
2.5 2.2 4.2 6 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7	27 2 2 4 2 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	35	2.5	. ન	223									0.01	5.6
7.7 1 34 5 24 9 2.9	27 1 34 5 26 9 2 9 9 100 100 100 100 100 100 100 100 100	MSM		- 4	2019					1				15.2	5.0
2.3 3.2 1.6 .6 .6 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	2 3 3 2 1 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*	4	- 4	7	4								7.7	5.3
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 1 34 5 26 9 2 0 C TOTAL NUMBER OF OBSERVATIONS	WWW	- 4	795	901	9								2.E	5.1
10.6 10.6 10.6 10.6 10.6 10.6 10.6 10.6	27 1 34 5 24 9 2 0 TOTAL NUMBER OF OBSERVATIONS	Ž	2	4	4					1					
27-1 34-5 24-9 2-9 100-0	27.1 34.5 24.9 2.0 TOTAL NUMBER OF OBSERVATIONS		201	301											
27.1 34.5 26.9 2.9	27.1 34.5 24.9 2.0 TOTAL NUMBER OF OBSERVATIONS	VARK											$\left\langle \right\rangle$	9.01	
27.1 34.5 24.9 2.9 1.00.0	27el 34es 24eg 2eg	CALA	X	X	X	X	\bigvee	X	\langle	\langle					
					°	2,0								100-0	
	TOTAL NUMBER OF OBSERVATIONS		40,4	4											•

SURFACE WINDS

1 3 HOURS (1.5.T.)

JUL

ACCOM A PROPERTY OF A PARTY SERVICE BEAUTIFUL A RESERVICE OF THE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

73-82

CICIL FIELDS FL.

ALL MEATHED

SPEED (KNTS) DIR.		•	7 - 10	÷ :	17 - 21	n·n	2 . 2	34 - 40	4 . 4	48 - 55	%	×	MEAN WIND SPEED
z	٠. 	1.0		•								2.3	4.7
Ž	e,	1.5	9.	•								3.2	8.6
¥	4	1.3	1.0	1.3								8.4	7.5
Z		9.	£ 0 %	9.								5.8	2.9
-	1.3	5 2	3.0	9.	9.							7.6	7.7
2	3.	2° 6	5.5	1.5								8.9	7.0
*	1.6	1.3	9.	9.								6.2	5.8
2	٧.	C • 1	1.0									9.2	5.8
•	0.1	3.6%	1.3	•3								6.1	4.7
ÀS	1.5	3.2	3 9 19	• 3								4.6	6.5
AS.	1.0	2.5	6.1	9.								6 . 1	6.4
ASA	100	2 0 19	5*2	9.								8.7	6.2
*	< • 1	5.5	2.5	6.1								3.41	6.8
WWW	1.3	1.2	9.									2.9	4.6
¥¥	3*1	1.0	9.									2.6	4 . 3
MAN	8.0	2.3										3.6	4.9
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	8 . 4	
	1 7 3 8	33.0	1701	4.7	9.	ı						3.001	5.8

310

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	JUL	Newnes (L.S.T.)		
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73+32 vraes	ALL WEATHER	COMPITION	
DIRECT (FROM HOL	CECIL EIELDS FL STATION MANS	311		

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

310

TOTAL NUMBER OF OBSERVATIONS

SOMS

102/846-147-4881 O+0 .2.UA

SURFACE WINDS

The state of the s

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

ALL 45	(ROM HOURLY OBSERVATIONS)	
	73-22 veas	CSCIL FIELD, FL
	ALL WEATHER	
CONDITION	CIVIE	
	COMBITION	

STAN STAN	÷:	***	7 . 10	1.16	17 - 21	22 - 22	28 - 33	8.	41.0	48 - 35	\$ Al	×	MEAN
뺽													SPEED
z	ኔ •	•				\$ 1.						1.0	9.1
ZX	(٣									1.3	3.3
Z	1.0	20.5	٠.									4.2	4.5
Z	200	2.3	2.6									6.1	6.9
-	7.0%	3.0	7	~								12.9	5.9
25	1.5	3.0	3.5	1.0								10.3	6.8
*	t i	3.0	3.1	3.								5.8	6 . 1
2	٠٠٠ ١٠٠٠	4.2										7.1	4.9
•	6 ,	2.5	5.9									10.3	5.1
ASS	4.2	3.5	1.5	43.0								* ° 6	4.6
ž	υ · α	2.3	1.3									6 • 1	40 27
ASA	€: ()		0.1									0.6	5.6
>	1.7	2.5	1.3	~		*						5 • 9	6.9
ANA		0.4	7.									5.9	6 . 2
Ž	1.3			•								3.6	4.6
2			6.3									• 3	6.0
VARK													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	209	
	C P C	0 - 6 14	9 6 6	4 4		,						L 7 UU 1	

102/846-171-348/201

SURFACE WINDS

- All the state of

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

13-32 PEATHER.

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL HOURS (L.S.T.) 73-52 ALL WEATHER CECTL FTELD, FL states man

J.51

SENTS) PIR.	:	•	7 . 70	÷ . :	17 - 21	n · n	28 - 33	34 - 46	41 - 47	48 - 35	9 6 Al	×	MEAN WIND SPEED
z	6.	1. ?		-		٠,						2.3	4.6
¥	1.5	1.3	2.	ਹ: •								3.1	3.9
¥	្	2.0	4.	۴.								3.2	5 + 4
Z	2 • 1	1.0	7 • 1	3	C							4.5	0.9
-	6	ري دي	1.7	• 3	•							6.2	5.6
2	1.1	1.7	1.7	ن. •								5.1	6.3
2	1.1	1.3	۲.	"								3.4	5.3
3	1.7	1.3	7.	មិ	0							B . 3	4.6
	7	5.9	6.1	5.0								3.6	3.4
Ž	6.2	5.5	1.6	2.								6 • 5	4.4
*	5.3	2.3	1.5	2.								2 • 9	4.9
WSW	\$ ° %	3.0	2.2	٤.								h * 6	5.1
*	3.1	3.8	2.1	4 9		.0						4.6	5.2
WW	C V	1.2	5.	- 2								207	4.9
Ž		ii •	ty *	ដូ								1.9	4.7
WW.	î.			ů.								1.5	4.1
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	21.5	
	2006	2002	16.7	1.2	• 2	. 1						0.061	3.9
		ı											

2480

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-87 ALL WEATHER CCCCL FIFLUS FL

v...

D.1

	SPEED SPEED	1	200	Sel 3el	206 304	1 2 2 gel	202 209	C . W	L	\downarrow	1	200 208	Sec. 3.8	2.6 2.4	L				1.8		uo.	
	\$ Al		-	9	7	1	7			3		2	7	7	4	2	1		3.2		20.00	
	£ . 55		_		+	+	1				-		+			1		+		1	$\langle \rangle$	
	3 .														1	1		1	1			_
3						\int			1					T	1	1	1	1	1			-
2										1										X	*	
n n		T									1									X	1	_
17.21											†		1							X		~
= . 2	,				1	1	1				 	+	1	1		1	1	1	1	X	 	-
7 . 10	4	ke.	2.0	1	1	1	4	4		4		+	1			1	1	+		$\langle \rangle$	4.2	
•	5	641	4	1	1	1	†	+	7	7 4 4	1.0	,	1	†	7	+	6	+	*		5.5.2	
:-	7.	COL	106	, , ,	-	,	4	+	c	c	1.0	2.2	10 T		† ·	+	1.5		1	X	3200	
SPEED (KNTS) DIR.	Z	N. S.	ž	ž	9	353	33	22		•	XSX	256	MSM	*	AVA	Ž	MAN	VARBL	Z Z	+		

#U.S. GPO 1984-741-348/201

TOTAL NUMBER OF DESERVATIONS

310

SOME

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

#CON-BECO	
	MCCCABBOO

CUAL D

#U.S. GPO 1984-741-348/201

TOTAL NUMBER OF OBSERVATIONS

310

WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

07 HOURS (L.S.T.) 77-52 SEATHER GLASS COMBITION CECTA FIELDS FL

SKNTS) DIR.		*	7 . 10	11 - 16	17 - 21	n . n	28 - 33	¥ 3	4 . 4	48 - 55	3	×	MEAN WIND SPEED
z	2	9	1.6									10.5	403
WZZ	2.5	3.45	5*1									1.3	3.4
ž		**										3.2	2.5
Z	5	3										1.6	3.0
_	0.4	h-1			•							3.1	6.2
ESE	1		- 3									2.3	3.3
3	-											1.5	2.5
326	2 0 4	-										1.5	2.4
	1 d											2 9	3.2
SSW	• •											2.9	2.9
AS.		, ,	2.									3.5	3.3
WSW	Ç.	1.5										2 • 5	2.5
*	6.7	**	•									3.2	3.5
W.W.	(,) 0 2 -	***										202	7.5
ž	•											1.3	3.8
32	C .	7	•	F**								₹ 5	¢ • 4
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	X	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	20€8	
	- " · ·	61	:	*	•								٥

#02. GPO 1984-741-348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

:: 1 4	2024	HOURS (L.S.T.)	
	YEARS		
C () 4 () () () () () () () () (STATION NAME	STEL VEATHER	CONDITION

S S S S S S S S S S S S S S S S S S S	. U V 4	•	7 - 10	71 - 11	:	;	3	•	•		\ \	×	QNI X
z Z Z	4. v 4	ı		<u> </u>	2 . 7	; ;	2 2 8	5 5	** - ** - **	S	} !	2	SPEED
NA S	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<i>y</i> .										5 • 5	2 • €
Z Z		2.6	~									5.5	4.6
		٦	-	46								6.5	\$ * £
E			6	•								Ď • Å	5.9
	Ç	2 6	5									8.1	5.3
ESE		4		•								5.8	6.3
3	0			3.								6.5	5.8
3			1									5.46	6.4
		Î	6.	~								11.0	4.7
85W		2.0		•								ري ش	E • 3
3			2.									4.2	5.02
ASA.	-	ر د د	۲.									7.6	5, 0, 3
>	1		~	4.								7.1	5 • 3
WW			2									2.9	2. 0.
2	1	-										1.5	€ •
NW	~	0										2.02	202
VARBL													
CALM	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	10.0	
	7 4	6 51	2 5 6	C 77								190.3	4

102/845 147 4861 093 2 UA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATES CLASS

77-32

1.3 HOURS (1.5.T.)

•

1.5 #U.S. GPO 1984-741-348/201 310

STATION STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13-83 WEATHER CLASS TECTE FIFTO, FL

16 nouns (L.S.T.)

A U.G.

MEAN WIND SPEED	8 . 3	g - 7	8 • 6	9.3	8.2	7.4	7 . 4	5.3	6.5	6.6	5.6	6.4	9.9	7.0	3.8	6.0			7 0 4
×	1.3	1.5	8.7	12.6	2.022	11.3	8.4	5.1	6.5	2.9	6.9	5.3	4.5	£ €	1.65	3.5		1.3	1:30.0
VI 3 2																		\bigvee	
4 . 55																		\bigvee	
4 . 4																		\bigvee	
34 - 40																		\bigvee	
28 · 33				_														\bigvee	
22 - 22																		\bigvee	
17 . 21			-								~							\bigvee	9.
91 - 11		9	-	6.2		۱.				~	•	9	\$	9		• 3		\bigvee	15.8
7 - 10	-	0.0	78	1.0		3	~		100		1	1.5	9			1.5		\bigvee	40.5
• •	<u> </u>		-				-		-		C	,,	7		-	1.6		\bigvee	29.7
1.3				•	-			٢	C .	-		`.			4	5		\bigvee	11.6
SPEED (KNTS) DIR.	z	ZZ	¥	Z	-	186	35	386	*	WSS	3	WSW	>	***	Ž	NN.	VARBL	CALM	

102\846-14\7.4861 O90 .2.U#

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG	11011	NOURS (L.S.T.)	
73-12	YEARS	L. SCATUES	CONDITION
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STATION NAME	8 17	8

#OZ GPO 1984 741 348/201

310

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

AUG	22	MOURS (L.S.T.)	
COTE FTELD, TL	ALL WEATHER	5,715	CONDITION

48 - 55 256 % WIND SPEED	X • ₽ € • ₽	3.6	•	3	5.8 3.0	6.2 4.3	3	0°2 2°h	8.7 2.5	4.2 2.3	7	2 3 3 3 9	1.3 2.0	2.5	11	1.5 2.3		30.1	
34 - 40 41 - 47																		\times	
22 . 27 28 . 33																		X	
11 - 16 17 - 21															• 3				
7 . 10	₹		F.,	ټ. •	€.	9.		7 √ :				٠ ۶						$\langle \rangle$	
3 4.6	2.0	C * 20	м •	10	1.0	7 0 X 0	#: 0 6: 0	1.0	7.1 1.5	9 ·	3.0	0. 2.1	• 3	\$ • S	.3	2.0			
SPEED 1 - 3 (KNTS) 1 - 3 DIR.	Z	E NN		× 34		ESE	**	755	50	SSW ?				WMW	WN	NNA	VARBL	CALM	

STATION STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL mouns (1.5.T.) 73-82 WEATHER CLASS CONDITION

MEAN WIND SPEED	4.8	4 . 4	5.8	6.1	6.1	5.7	5.2	4.7	4.1		4.2	4.5	5.0	3 . 3	30	6.4			
æ	5 • 3	5.5	L . 4	9 9	10.5	5.6	3.7	3.5	6.9	3.7	(• h	0.5	3.8	2.2	2 • 1	2•€		2.62	
\$ Al																		\bigvee	
56 · 84																		\bigvee	
Ø · 10																		\bigvee	
34 - 40																		\bigvee	
28 - 33																		\bigvee	
u · z																		\bigvee	
17 - 21			3.		C •						<i>C</i> ;				to •			\bigvee	
ði . If	.1	1.0	4 4	• 7	Ó	5.	5.	.1	- 2			• 1	6.2	• 1	• 1	2.		\bigvee	
01 - 2	1.0	ۥ	1.2	1.0	3.3	1.7	. 6	9.	1.5	₹.	5.0	÷	٠,	b •	-2.	3.		\bigvee	
4.4	202	2.5	1.6	2.6	3.5	200	103	1.3	2.1	1.2	1.5		1.5	7.	1.	1.4		\bigvee	
1.3	1.6	£ .	1.5	1.5	2.0	1.66	1.7	77	9.5	2.2	1.5	•	1.	1.6	3			\bigvee	
SPEED (KNTS) DIR.	z	W X	ž			ESE	*	35	8	SSW	AS	MSM	*	WWW	¥	NW.	VARBL	CALM	

2480

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

D.1. 73-52 SEATHER COMBATION CFCIL FIELDS FL

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

монти	C.S.S.		
WARE	UE ATHE CONTRACTOR	CHRITICAL	
STATION STATION NAME	7 70		

	:	• :	7 . 70	22 - 25	17 . 23	2 - 21	8 . 8	\$. 7	4 . 4	\$. 55	3	*	WIND WIND
z	,	,	-	٤,								12.7	407
Z		~			~							10.2	3.6
ž	1	•	•									3 . 3	4.7
Z	-	~										1.7	2.8
-		10.7										2.3	4.1
2	,			`								• 3	2.0
*		•											5.0
3												2.0	303
-		7.										3.7	2.7
SSW		~										1 - 1	2.3
*5	1.7		٠,									3.3	3.4
ASA	,	6										1.7	3.8
>	1.	•										2.3	2.9
WW	1	1.										203	3.6
ž	-	ુ - ટ										3.7	3.6
24	~	60	~,									i• ∠	4.2
YARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	41.5	
	0.00	4 - 74	4 7 7	~	10							100.0	2.3

#U.S. GPO 1984-741-348/201

TOTAL NUMBER OF OBSERVATIONS

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	A HOURLY OBSERVATIONS)
PERCENTAGE F	DIRECTIC	(FROM HOURLY

	SED	13.7 HOURS (1.8.7.)		
(FROM HOURLY OBSERVATIONS)	73-52 F1640, FL statements	CLASS JAER	COMBITION	

STATION

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12-32 FLL SEATHED COMBITION

SPEED (KNTS)		•	7 - 10	i	17 - 21	22 · 27	# · #	3.	4: 4	48 - 55	S Al		*
2		2.4	۲	-								T	2.00
Z		,											
¥	,		7	~									12.0
Z	,	, ,	7.5										7.0
_	,			-									11.0
252			-										3.3
3		1	2 8 6										3.3
3		7		~	.3								2.7
•		1	د. ا	*1									5.7
NS8			2 - 1										, o 4
š	1	2.7	•									_	4.07
MSM	•	7	7										3.3
>	44,	2.3		2.0									6.9
MAN			۲۰	. 3								_	307
Ž	r											_	2.7
2		1.7										_	405
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	_	12.3
					,							_	

TOTAL NUMBER OF OBSERVATIONS

300

SOMS

SEP

STATION STATION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13-37

	l				ALL MEATHER	ATHER				1		100	13
					ថ	•				ļ			
	l				8	COMPLETION				[
	l	 											
SPEED (KNTS) DIR.	1.3	••	7 - 10	11 - 16	12 - 21	u·u	28 - 33	34 - 40	41 - 47	55 - 87	\$ Al	×	MEAN WIND SPEED
z	c.,		7.	1.3								5 • 3	7.4
N X		2.7	€) •1	រ • ព								ં છ	7.6
ž	٩		5	,,,,								9 . 3	7.6
Z			6.0	C) • 6.								0.41	7.2
•		3	F . C	° 2.	•							15.0	7.3
382	•	7.0	Cu									6 • 3	5.9
3	٠,		6.									2.7	5.0
358	•	2.0	10.2									3.7	5.7
•	()			7.								3.3	8 • 3
ASS		2		•								₹ •	5.6
AS.	•	J. 2	P-7	•								2.7	5.3
WSW	1 2	100	2 0 1	* ''								4.7	5.4
>	1	200	2.0		. 3							6+3	5.9
WIW	7	2.7	۲.									4 • 0	4.8
Ž	•	2.3		•								3.7	5.6
34	ī.		4.	2.0								ن چ	5.3
VARBL													
							1	1		1			

TOTAL NUMBER OF OBSERVATIONS

₹5

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	O T P	16 Bouns (1.5.T.)	
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73 = 9.2	な出土に発出されている。	семвітюм
•	F 7 E 1 D 9 F 1		

NHE	SPEED (KNTS)	1.3	4.4	7 . 10	11 . 16	17 - 21	22 - 22	28 . 33	2. 5	41 . 47	48 - 55	S,	×	MEAN
13 1 2 3 1 2 3 1 2 3 3 3 3 3 3 3 3 3	ğ					İ								Arren
1	z		-	•	c:								ij• 6	8.4
1	ZXZ			(•									5.3	8.6
1 0 5.3 12.0 4.7 2.0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ž	,		('	, ,					i			10.7	7.3
1 2 5 4 5 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4	Z	,	•	•	5.								15.7	7.8
7 1 3 7 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	_	-	١.	•	,	*							23.7	8.5
2	22	~		•									8.3	5.7
13.7 20.7 45.0 1 16.0 17 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	25			١.									3.7	6.2
13.7 20.7 45.0 1 16.0 17 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	38	~	١.	~									2.3	20 27
1 1 2 7 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	5	1.	•	•	- 2								2.3	7.0
13.7 20.7 45.0 1 15.0 15.0 15.0 15.0 15.0 15.0 15.0	SSW	*		***	~								3.5	5.3
13.7 20.7 45.0 1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0) AS			#" ;									2.7	9.9
13.7 20.7 45.0 16.0 17.	WSW	•	-	7.									4.7	7.7
13.7 20.7 45.7 16.0 .7	>		2.	. 7	C:								5.3	6.8
13.7 20.7 45.7 16.0 .7	WNW	- 7	•		~;								2.3	5.1
13.7 20.7 45.7 16.9 .7	ž	7		,-	**:								2.7	5.5
13.7 20.7 45.7 16.0 .7	XXX		•										1.7	8.6
13.7 29.7 45.7 16.9 .7	VARBL													
7 30.7 45.7 16.0 .7	CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	1.7	
		13.7	•	40.7	16.3	7.							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP	19	HOURS (L.S.T.)	
78-92	STATE OF THE STATE	CIABA	COMBITION
CECTL FICLD, FL	STATION MARK		

S Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	M. F.		≥:	•					27 . 17	78 . 65	5		
	• •			·		• • •	3	}	} ;	}	}	•	SPEED
E E E		•	,,	٢٠								3.3	7.7
7 Z ~		~										2.9	5.6
Z -		7		9-7								8.7	4 . 8
w 3	. F~	4										11.3	3.9
	,		-									0*52	4.3
200	~	25	C .									8.3	4 . 5
2		٠ اد										8.5	4.5
22	-			~								3.0	5.9
•	-		~									2.3	3.9
Mus	1	~										1 • 3	0.4
2	7.											2.3	3.3
70%	,											₹•2	3.5
>	4 4	-	-	~								3.3	0.9
NA.		~										2.0	3.8
**	,	~	۲									2.0	3.5
NN		~ .										1.2	5.0
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee_{i}	7.3	Ì
	1 7 6 2	X 20.2	12.	500								100.0	4.02

102/845-147-4861 OHD .2.U#

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP	2.2 HOURS (C.S.T.)	
7 3-12 VEANS	NEL NEW TAEP	constrion
F 7 5 5 8 F F STATES AND STATES		

SPEED (KNTS)		4	7 - 10	11 - 16	17 - 21	11.11	28 . 33	34 . 45	41 - 47	48 - 55	% AI	×	MEAN
													SPEED
z			F - 1	. 3								9.0	4.9
N. N.	10	5.0.3										8.0	3.3
¥	~	,	-	- 2								5.7	40.1
Z.		-	,									5.7	2.9
	┥ .		(5.7	3.9
ESE	6											0 h	2.6
35		~	۲,									2.5	3.3
SSE	ς ε											7.2	3.8
	6	,	1									5.7	3.8
35	~	7										4 ° 1	3.1
3	1											7.00	3.8
***		*		-								£ 4 (8	4.1
,		,	٦									3.3	3.6
WWW												1.7	204
3												£ •	1 2
ŽŽ	-	7	-									2.63	5.6
VARBL													
CALM	\bigvee	\bigvee	X	X	\bigvee	X	X	X	\bigvee	\bigvee	\bigvee	ថ∙១៛	
	4 = 1	2 60	٠, ٢									, 50 t	7.7

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-55

AE AT AS ?

<u>ب</u> ب

COMBITION

ALL HOURS (L.S.T.) MONTH

SPEED (KNTS) DIR.	1.3	•••	7 - 10	91 - 11	17 - 21	22 - 27	28 - 33	34 . 46	4 . 4	46 · 55	% Al	×	MEAN WIND SPEED
2		3	3	-								8.8	5.6
N. N.		-		-4	7:							D . C	4.0
7	,		,	".								7.7	5.7
Z	c	1	1.7									7 • 4	5.9
•	,	2			-							10.6	5.5
. 2	-	-		•								4.1	5.1
3			1,17									3.1	8 9
28			.5	-	C							2.7	4.8
8	(3			i)						3.4	4.6
3				•								2.5	7.5
3			E									2.9	4.1
72.7			J									3.0	4.9
,		-	, ,		C							ú•ħ	5.0
255		•										2.5	40.7
3	-	,	,	-								205	4. 2.2
3		-	۷,	· ·								3.7	5.0
VARBL													
CALM	X	X	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	25.3	
	,	0 - JE	17.5	9.4	6							100.0	4.1

102/846 147 4861 049 2U#

TOTAL NUMBER OF OBSERVATIONS

0042

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

0 CT	HOURS (L.S.T.)		
77-22 YEARS	ALL DEATHER CLASS CLASS	CONDITION	
SOLL FIELDS FI			

NEAN NEAN SPEED	22.9 6.2	11.00 4.3	1.0	1.3 2.8	•3 2.0	3 7.8	1.0 7.3	N•8 €•1	1.6 2.2	3, e	2.3 3.1	0.00	4 5 3 8 B	2.0 3.8	4.2 4.5	5.2 5.9		7.00
34 - 40 41 - 47 48 - 55																		X
1 22 . 27 28 . 33																		
. 10 11 . 16 17 . 21	3.3		Pr.			* ·	70.7						٠	№ .		Z * Z * Z		
1.3 4.6 7		2.0 6.0 9.0	4	5.			•	4.0		2.	500	Ľ		F		6°2		
SPEED (KNTS) DIR.	z	22	7	ENE	<u></u>	ESE	35	325	•	AS8	AS	WSW	*	WAW	ž	MNN	VARBL	CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

	0.C.T	# 50 th	
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	TO TO TO TO TO TO TO TO TO TO TO TO TO T	SLL MEATHERS class	
	STOCK FIGURE STATES AND AND STATES AND STATE		

SPEED (KNTS) DIR.	1.3	9.	7 - 10	91 . 11	12 - 21	22 - 22	28 - 33	34 - 46	4 . 14	48 · 55	% AI	×	MEAN WIND SPEED
z	, • ·	11.0	2.5	0.4								26.1	5.6
Z Z		£ • 3	(a	٠.								11.0	4 · 8
ž	•	•	*									2.3	5.9
E.		•										£ 0	J • 4
•			}										
ESE	•											• 3	1.0
35													
352		-	ः •									1.6	5.5
•	C:											1.3	3.0
ASS.	•											9.	2.0
ž	ر • •											1.0	3.0
WSW		7										1.65	3.2
*	5.3 22	•										4.5	2.4
WWW	7.5	ुं •	P~1									14 e 5	3.5
Ž		¥ • 6	Ç. •									4.5	4.5
NA.	c •	r • tz	. • •	1 . 3								9.7	5 • 4
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	30.6	
	1 7 6	1 7 7 -	() () () ()	2.0								150.0	*

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

200	RORTE	67	NOVES (L.S.T.)	
73 - 52	AEVSA	it in		
	STATION MARK	ALL SEATHER	GTYBD	CONDITION

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	$n \cdot n$	28 - 33	34 - 40	41 - 47	48 - 55	% A1	*	MEAN WIND SPEED
Z	2 • 3	5 6 2 8	2.02	3.6								36.5	5.3
NNE	7.5	5.2	1.6	1.3								11.6	2 3
ZE	1.2			~								£ • 2	ני
ENE	~	j										3•1	4.7
E		, ;										•	2.0
ESE													
38	•	1.										ŋ•	3.0
SSE	•	2										40	2 • 5
\$	1.0		, Ç									302	4.6
SSW	•	+										1.0	3.7
SW	,	15										3•1	3+7
wsw		,										6.1	3 e 3
*	2.6	1 6 7	200									5 ° tr	3.3
WNW		\$										2.5	3.1
¥	0.00	100	• •									2 • 5	3.4
NAW	2.5	/: U		L .								C*01	5.4
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	n•82	
	2760	6.712	17.1	6. 4								2.691	1.7
												× ×	

102/845-147-4861 O90 .2.UA

310

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

I C DCT ##### 5.3-5.7 WE A THE P CTOTL FIELD, FL. STATION MAINS

7.00	1	7 0	*	• 6.	epi •	8		• 3	r.	.5	5	C	C	9	3.	-			-
MEAN WIND SPEED	8.7	α; •	6.	• 6	2.	9	5	7.	7.	8	5.	6.9	*	5	3	. . ≥			9
×	15.8	19.4	1103	7.1	B • 9	3.5	1.3	5.5	2.0	1.3	1.9	4.02	\$ 5	3.65	2.06	7.7		2.0	150.0
95 AI																		\bigvee	
48 - 55																		\bigvee	
41 - 47																		X	
34 - 40																		\bigvee	
28 · 33																		\bigvee	
22 · 17																		\bigvee	
17 - 21	1.0	• 5																\bigvee	1.6
91 - 11	1, 4,	3.5	1.5	•		•		٠.	9.0			•	3.					\bigvee	1106
7 - 10	1: 13	†1 €	٠	7	7 7	ت • -	•	14 0 14	•			C .		1.5		2.3		\bigvee	3.8.5
4.6	r) 6.,	u)		٠	3.5	•	•		-		•	3	1.9	1.5	1.3	3.5		\bigvee	31.
£-1	₹.	•	17 /	1.				•	•	F) • 4	8.	•	7 • 1	7.	i,• ₹	5•₹		\bigvee	100
SPEED (KNTS) DIR.	z	Z	ž	Z	-	ESE	*	3	•	ASS	ž	*8*	*	ANA	Ž	NNW	VARBL	CALM	

102\846.14\7.4861.040.2.U\$ (*;) (*;)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 3 HOURS (1.9.7.) C C T 72-37 WEATHER COMBITION

													7
(KNTS) DIR.		9 - 4	7 - 10	9. · ·	17 - 21	22 - 23	28 - 33	34 - 40	41 - 47	48 - 55	St Al	*	SPEED SPEED
z	,,,		5	4.2								9.7	9.5
N X		7 6	-	•	1.0	•						14.5	10.4
ž		4 4	*	2.5								11.5	8.0
Z			ن ن	3.								3.11	7.6
	2 -		15°	3.								5041	6 • 3
25	, 6,			E								3.5	3.6
*	•	~										1.0	3.€
255	-	-	43									1.9	5.7
•	2		*	•								2.6	6.1
SSW			٠.									2.3	5.1
AS	~	•	હ.	~								1.5	6.8
WSW		-3	1.6									2.9	7.7
>	9		3 2	1.6								10.5	7.2
WWW	Sy.		2.	\$								3.02	9.9
AN.		-	1	~)		, °						3.6 €	3.4
NNN	٥		27.									3.2	4.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	1.8	
	17.6	31.0	33.2	0.62	1.3	4.						1.0.0	7.6

GPO 1984:741:348/201

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (1.8.T.) DCT 4 73-82 WEATHER CLASS COMBITION CHOIL FIELD, FL

Ī													
SPEED (KNT3) DIP.	:-	•	7 - 10	31 . 11	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
z		: • :		2.5	~							0.8	8 . 4
Z	~)	رة. ١٠	\$	σ. •	9.							11.3	10.3
Z		2.02	g • Q	5.3	۲.							3408	9.2
7	**:	3.9	6	5 .								3.01	7.6
-		0.1	د. د.	4								12.9	6.9
ESE	*		6.4	\$								2•₩	7.7
33		1										2.3	6.6
355			•									\$ 0	7.0
				•								· 3•	11.5
354	100		•									3.	5.5
*5	4	1.	è	~								5.5	5.7
WSW	•		1.	~.								3• γ	6.7
*	2	2.5	3.6	\$.								1.1	6.5
WW.	£.*	3	2.6									€ • Þ	6.5
Ž	4.	4)	1.2									2.6	5.6
N. N.		7.0%	7									5.6	19 ° (t
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	• 5	
	1.00	0°62	43.2	36.5	1 • 3							100.0	7.7
		ĺ											

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

O C T	19 HOURS (L.S.T.)		
COUNT FIXE OF FL STATES TAXES 73.402 VARS	21 N E AT HE STEEL	CORPTOR	

SPEED (KNTS) DIR.		_											
	- :	•	7 - 10	11 - 16	17 . 21	22 · 27	28 · 33	34 · 40	41 . 47	44 . 55	\$ Al	×	MEAN WIND SPEED
z	1.3	1.5	5 3	1.6	.3							10.3	8.1
3NK	4.0	£ 00	5 6 5	1.66								5.41	6.6
¥	6.6	C • 3	2.5	. •								12.6	3. 0.
Z	5.0	↑ • Z	1.6									5.7	4.2
	6.3	8.1	7.									15.5	3.5
ESE	64.	3.45										5 6 6	3.5
35	1.2	7 •										1.6	3.0
SSE												ξ·•	0.4
\$	4.5	. j •	5.									3•1	3.8
SSW	, ,	50										1.5	8.4
S.W.	9	5	e~ ;									1.55	4.6
wsw	1.5	15.										2.3	2.4
*	1.5	1.										102	3.1
WWW	2 0	. •	P~									3.9	3.3
MM	÷ -	(• 1										2.5	3.4
NNN		1.		3.								1.9	7.3
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	11.3	
	31.3	1.12	15.2	5.0								100.5	¥ • #

TOTAL NUMBER OF OBSERVATIONS

STATION

SURFACE WINDS

The second section of the second seco

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-32 CTOYL FIELD.

SLE REATHER

COMBITION

2.2 NOURE (L.S.T.)

O C T

SPEED (KNTS) DIR.	1.3	9.7	7 - 10	11 - 16	17.21	22 - 27	28 - 33	34 . 45	41 - 47	48 - 55	\$ Al	*	MEAN WIND SPEED
z	2	100	65 43	٠	•							18.4	6.7
Z	7	1 11		-								12.9	4.7
ž	,			•								7.4	4 . 1
Z	C	•										2.6	2.6
_	£:	-										2.3	2.4
22		~`										1.3	3.8
3	9.1											2.5	3.0
2	-	ç										1.0	7.3
•	3.5	•	~									2.€	3.6
ASS		~										•6	3.5
3	7	-										1.9	~
ASA A	1	•										3.2	3.0
>		•	10.									4.5	3.1
W.W.		1, 0										3.€	4.2
ž	2.4											2.3	3.4
NA.	7	1.6	1.3									C.	6.6
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	38.85	
	6 02	26.8	13.7	3.1	\$ 0							100•ຍ	303

V.: 102/845-147-348/201

300

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13-32 WE ATHEO COMBITION

Die.		7.6	7 . 10	11 . 14	17 . 21	22.22	28 - 33	97.75	77 . 17	48 - 55	39	×	X X X
	•	•	:	:	i	i 		}	;	}		!	SPEED
z	\$ ° 3	y • €	2.3	2.3	7							17.3	7.0
Z Z	۲.	1, 1,	u \\ 200	2.3	2:	0						13.3	7.0
¥	7.	30 C		1.3	E.							8 . 1	9•0
Z	•	e • •	ابر ون	R.								6.1	2.9
-	-	3.1	ن د د	2.								9•9	5 + 4
ESE		9.	ë	ern •								2.5	5.8
3	u ·	£	£ 9	€ 0								103	4 . 3
388	٠,	(f)	7.	ਹ ਼								2.1	5.5
•	ίι. •	្	~	(···								1.9	0.4
ASS	9	Č.	2.	₽.								1.2	4.7
AS.	2.		20	• 1								1.9	4.7
ASA	p = 1	1.0	£/3	•								3.1	4.6
*	*	1.	1 •	40								7 6 5	5.0
WWW	3 4 1	1 . 1	٢.	. 1								3 € €	4.7
Ž	., • <u>`</u>)•	e.		. ·						4•€	H . B
Ž	2	3.1	1.2	27								5 9 3	5.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	17.2	
	216	1 - iiz	22.1	77	9.	***						100.0	3.8

#∩.S. GPO 1984-741 348/201

TOTAL NUMBER OF OBSERVATIONS

STATION OF STATION

SURFACE WINDS

U1 HOURS (L.S.T.)

ALL WEATHED

COMBITION

N C N

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED 73-82 CSCTL FIELD, FL

SPEED (KNTS) DIR.	1.3	4.6	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	5 56	×	MEAN WIND SPEED
z	200	3	1.07									5.51	5.5
NNE	\$ 6 °	Ţ.	4.1									12.2	5 • 2
37	[•]	1.0	1 • "									4.0€	5.6
Z			• 3									0.1	4 • 0
-	¥ •	•	•									U•1	4.7
ESE	•											£ •	2.0
3	7.											1.4	2.5
355	€ •	7.	1.									1.1	5.4
S	* *	2.0	1.0									5.4	4 . 3
ASS	01	7.	₹•									₩.2	4 • 2
*	700											h*2	2.1
MSM												٤•	2.0
*	2.1	7										1.4	3.9
MMM		1.07	1.5	1.								6.5	5.2
N.N.	. • ?	2.7	4.									17 · 11	5.0
MNN	1.4"	1.7	10	• 5								₽•8	5.6
VARBL													
	1	1	1						1	1	1		

102/846 147 4861 093 2.UA

TOTAL NUMBER OF OBSERVATIONS

295

36 . 3

CALA

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13-92 STATE OF STATE COMPITION

D.Q. (F.S.T.)

A C N

SPEED (KNTS) DIE.	1.3	9.7	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	%	*	WEAN WIND SPEED
	ł		,	•								14.5	5.2
z	•	•		1								10.5	5.6
ZZ	3.1	7.	·•									10	3.6
7	100	7,0											5
		,	4										2
•		A 3				1						- 3	2 4
ESE	7.											,, • •	0
35												3	<i>u</i>
388	£. •	- 7										,	
S	7	3.4										20.7	3
												2.7	3.3
SSW	y •	,,,,	5									1.4	5.0
AS.	4	1	•									2.1	2.5
WSW	-	•										4.7	3.6
*	-	7, 0											4
WNW	1.7	7.2	. •	•								4 0	
M	100	3.1	1.7	• ₹									1 0
N N	** C.	4.1	2.0										
VARBL												,	
CALM	X	X	\bigvee	\bigvee	X	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	0.50	
	,;	5.87	12.5	1.4								10000	301
		1			i				TOTAL NU	WBER OF OB	TOTAL NUMBER OF OBSERVATIONS		79.5

SURFACE WINDS

O.7 HOURS (L.S.T.)

NO V

9			
PERCENTAGE FREQUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	

74-57

CACTL FIELD, FL STATION MARK

STATION

22.5 WEATHER CLASS

COMBITION

|--|

102\84E 147 48EF 043 2.U*

396

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NO V nonth	NOVES (L.S.T.)	ı	
TATELO FL YEARS	ALL WEATHER	CORPITOR	

•	7 . 10	91 - 11	17 . 21	22 . 27	28 · 33	3. 3.	41 - 47	48 - 55	\$ Al	*	MEAN WIND SPEED
7, 0	3,0,0	1 .								15.6	7.3
,	200	١.								12.1	7.5
5	C	-								3.6	404
5	6									6.7	6.3
,,	6									6.7	7 - 7
,		1								100	6.3
										2.0	4 . 3
		,								2.7	6.5
7 - 1		2.								6.1	7.5
~	•									() a b	5.5
()	٠ ا	~								2.7	50 8
,	۲.	~	P :							4.0	3.5
0	1.7									5.7	37 37
~	1.2									J. C.	7.2
,	5									6.1	6.6
-7	1.7	•								5.7	4.0
\bigvee	\bigvee	\bigvee	\bigvee	\bigvee_{i}	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	6.1	
E .		7 3	ויינ							100.3	5 • 3
			7.10 3.20 3.00	2.10 11.16 17.28	2. 10 11.16 17.21	7.10 11.16 17.21 22.27	7.10 11.16 17.21 22.23 23.33 25.23 2	2 0 11.16 17.21 22.27 28.33 34.40 5 4 2 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7.10 11.16 17.21 22.27 28.33 34.40 41.40 5.4 2.0 3 5.4 2.0 3 7.0 1.0 3 7.0	7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.35	7.10 11.16 17.21 22.27 28.33 34.40 41.47 44.55 256 256 25 25 25 25 25 25 25 25 25 25 25 25 25

102/845 147 4861 093 2.UA

297

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

>0.2	MONTH	£ 1	HOURS (L.S.T.)		
	YEARS				
100 TV P	STATION NAME	CHASE THE	CLASS	сонытом	
the state of the s					

SPEED (KNTS) DIR.	1.3	4 . 6	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	\$ Al	*	MEAN WIND SPEED
z	-	1 1-1	7	٠								n • 8	7.3
ZZ.		£	3.	7.5	* T							405	9 8
ž		13 °C	6.0	10								1.03	S • 8
Z		, ,	٠.	e ,								6.7	9 . 1
-		F .	2.7	E. *.	~							3.5	7.5
ESE		٢.										ដូ	7.2
*	ŕ.		7.0	1 2								4.07	() ()
SSE		i. • [5 · • · · · · · · · · · · · · · · · · ·	Ω•1								5.01	7.2
•	2	3	C. * 9									6.4	49
SSW	-		1. 4	1		2.0						4.7	β. 3 ·
3	•	£	C	~								2.7	6.6
WSW.		\(\frac{1}{8}\)		1 - 1								[6]	8.5
>	•	1 7	2. FC	C)	~ ,							5.1	P. 2
***	-	-	1 4	1 2								5.7	8.62
Ž	-	5		6.1								5.1	0.1
EXE.	2.											5.1	5.3
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	3.4	
	\$ 1.1	17.40		C 31	1 7	re						1 7 7 7 7	2,6

207

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

FEATHER CONDITION

16 HOURS (L.S.T.)

V C M

YEARS

71- 12

\$ - # -	***************************************	- HIIIIII
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TOTAL NUMBER OF OBSERVATIONS

SMOS

GPO 1984-741-348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

19 HOURS (L.S.T.) VO V YEARS (FROM HOURLY OBSERVATIONS) 33-32 F. A THEO COMPITION CECTL FIELD, FL states MARK

DIR.	1.3	;	7 - 10	91 - 11	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47		48 - 55	48 · 35 17 56	\$ AI
Z		3•3	•	·						_1.			, • *
NN	, ,	3.4	4.97										8 8
¥	2.2	7 7	2.0	- 7									ď.
F	2.0	1.0	1.7										7.7
_	-7 घ	100	1.7										n:
ESE	E .	3.1	1.07										6.1
3	1.5	1.3											3.4
SSE	•	~											103
8	- 2	1.3	r.								- 1		2.4
SSW	٠.	•	۲.								Ī		1.7
) Ss	•	•											10.7
WSW	1.5	1.5	2								Ī	-	3.0
*	2	. 7	7								I		3 . 4
MMA	- 1	7 4									- 1		3 6 2
Ž	2.4	1.7	2										2.7
ŽŽ		6.	, T	2 0							- 1		40.0
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	X	\ /1	\bigvee	30°3

4US, GPO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-32

COURT FIELDS

2.2 NOURS (L.S.T.) NO M AE A THE

SPEED (KNTS) DIR.	1.3	4.6	7 . 10	31 . 16	17 - 21	2.2	28 - 33	34 - 40	41 - 47	48 - 55	VI 86	×	MEAN WIND SPEED
z	4.0	4. 4. 4.	7.7									11.4	5.2
ZZ			7.2	•								12.8	5 .
ž												3.7	5 . 4
E.	-	,										1.7	3.4
-	31 (:											C • h	403
ESE		-										2.4	301
35		-										2 64	3.9
22	7 - 7	,	,,,									3.4	3.2
8	ζ.,	,										3.7	3.1
ASS	į.	-	- 1	~]								3.4	5.0
AS		-	4.									1.7	5 . 8
WSW	7, 1											204	2.0
>		, i.										6.1	4.0
ANA.	,		~	# TI								3.	9
Ž	- 3											Ŭ * E	4 . 8
ZNZ.		-	2.4	•								5.64	6 . 8
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	29.6	
	17.4	27.6	1.4.1									100.0	3.3
		4											

#US. GPO 1984 741 348/201

297

TOTAL NUMBER OF OBSERVATIONS

STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	N O V	ALL MOURS (L.S.T.)	
(FROM HOURLY OBSERVATIONS)	73+92	ALL MEATHER	CONDITION
	CTOTE FILES SE		

SPEED (KNTS) DIR.	e : -	4.6	7 - 10	31 - 16	17 - 21	2.2	28 - 33	34 - 40	41 - 47	48 - 55	\$ AI	×	MEAN WIND SPEED
z	, ,	1.0	£ • 4	V.	1							12.3	5.9
Ž	5.6	3.5	3.6	937	•							10.8	6 • 3
ž	(°) •	2 2		5	.1							6.1	£ • 9
Z	€ 1	ا• ن	1.8	L;rk ◆	6.							70 55	î•9
_	1.5	2.3	1.0	\$3	•							5 • 5	5.8
252	e •	ئ •	3.	4								3.5	5 • 5
3	4	₹.	4.	2.								2.2	5.5
332	() • •	3	٠.	¿•								2.1	2.5
8	7 • 1	1.7	1.1	Σ. *								5 • 77	8 • 8
SSW	i:		ε•	£.*		ĭ						3.2	8.8
š			er?	•								5.1	2.5
WSW	2 • 1	3.	•0	7= Y	<i>୍</i>							5.0	5.7
*	7.5	1.6	3 • 1	\$5,	•							7.5	5 • 2
MNM	1.1	1.5	1.5									4.7	5 • 9
Ž	1.1	1 " 2	2.5	£.								9•4	9 5
NN.	5 • 1	9 0 2	9* ?	. 2								5.7	5 • 5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	5*61	i
	0 66	8 6 5	, 16	C L	ئ	c						100	4 4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

D.C.C.	CT 1	
73-42 vias	ALL WEATHER	consition
SOUL FUELUS FL. states name	176	

SPEED (KNTS)	5	• •	7 . 10	*	17 . 21	22 - 27	28 - 33	2. 8.	41 . 47	26 - 55	S Al	*	WEAN
P.	- 1		- 1										SPEED
z	7.			•								1105	5
Z	~ .	3.3	ુ• ટ	2.								0 • 6	6.4
ž		•	• •									1.7	4.8
Z		-										1.3	2.8
-	-	0.1										1.7	4 + 4
252	2 4											1 • 3	2.0
35	6	ं	~									1.7	5.0
335	,	I e										1.6	2.7
•	1.7		- 1									6.3	5 . 3
SSW		h. 1	A**	£-7								4.3	6.0
}	P .	~	•									3.7	4.2
WSW	3	1.3			2							4.7	4.2
>		3	.7	~	2 4							8.5	5.0
ANA	4	1 1										6.5	4 . 4
¥	t :	2.7	2 2									7.0	5.2
22	7	5 2	1.0									C • 7	5.5
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	26.2	
				11	•							100	*

STATION

WINDS SURFACE

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-82

					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ATHER							20
	l				51V13	988		\ 		{		100 RS	HOWRS (L.S.T.)
	1				#8	COMPITION				1 1			
	I									1			
SPEED (KNTS) DIR.	1.3	• •	7 - 10	11 . 16	17 - 21	12 - 12	28 - 33	34 - 40	41 - 47	48 - 55	8 A I	*	MEAN WIND SPEED
2	7	\C.	3 6									12.6	5 • C
Z												9.9	3.0
Z												3.3	6 • 2
Z	-											.7	3.0
-												1.0	2.7
ESE	~	r-										1.3	4 .
*	-		-									1.3	5 e C
33		•										1.3	2 • 8
93		1 .,	7									P. 0	5.2
SSW	6		7-	5.								C • 4	3
»S	"											2.5	5.8
WSW	1.0	1	~		2.0							3.6	5.6
>	7.7	2.3	۲,	~)	L •							B • 5	S • C
ANA	3.6	,										ن و و	3
Ž		~	,	• •								0.9	4.
22	C	2.6	ं ।	. •								5.0	ξ.

TOTAL NUMBER OF OBSERVATIONS

202

31.8

VARBL **M S** 100.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3EC	ROSTA	0.7	HOURS (L.S.T.)		
200	YEAR	ALL WEATHER	CLASS	сомытием	
المسافقة المسافقا المسافقا المسافقا المسافقا المسافقا المسافقا المسافقا ال	STATION NAME	7 TV		8	

102/845 147 48er 093 2.U#

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-82 ALL WEATHER ccort Fifth, FL

10 HOURS (L.S.T.)

DEC

SPEED 1 - 3 DIR.	z		¥	Z.			\ 	252		25w	3		C	WW	A.N	WW.	VARBL	CALM	
*	\$ 0 5		e.	4	2		1.0						C ~	2.5	0.4	6))	X	
7 - 10	4		7			1-3	1-	1	~	``	,		3.	4	× •			X	, ,
11 - 16	¥ 4 1		£.			•		-				-		6.0	C.			X	,
17 - 21														•				\bigvee	
22 - 27																		\bigvee	
28 - 33																		\bigvee	
34 - 40																		\bigvee	
41 - 47																		\bigvee	
48 - 55																		\bigvee	
S Al																		\bigvee	
×	15.5	10.9	5.3	3.9	1.6	5.5	2.6	3.6	7.6	1 • h	9.2	3.6	9.9	8.2	₹•8	€•€		8 • 2	0 664
MEAN WIND SPEED	6.8	5.7	6.8	4 . 3	3.2	5.8	7.3	3.2	6.8	7.5	5.9	4.5	6.5	7 . 4	6.9	6.3			

#U.S GPO 1984 741 348/201

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DEC	£ 1	MOWAS (L.S.T.)		
75-57	ALL SEATHER	STA86	COMBITION	
25-77: FIGURE EL				

SPEED (KNTS)	1.3	4.4	01 - 7	31 - 16	17 - 21	22 - 27	28 - 33	¥ .	41 - 47	\$. \$5	S Al	¥	WEAN
ž / 2	1	,										0	3
2 3	4	4	4	6								11	406
ž	,	٠,	۹ ۱	d (4	7.5
Z		-	-	-								0.7	5.7
-	1	1	,									F * S	7.9
55	-		-	-								9•1	6 • 2
25		•	1.65	-								301	9.7
22	7	,	-	~	•							3.5	8.9
~			1 P*	۶۰,								6.5	303
SSW		1 F		,								5 • 3	9 . 3
3	1	C •	×2	•								9.4	6.9
**	E.		2.6	1 - 1	~							9.9	8.6
>	()		2.0		•							13.5	7.7
AVA			3.5		•							5.8	7.6
Ž			1.5	•								3.6	7.9
22	~		2 . 5	0.1								3.4	7.6
VARB			ł										
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	6 ° %	
	5 - 4 - 1	\$ 200	2.75	4 - 3 (2.4							7.00.1	4

\$U.S. GPO 1984-741-348/201

TOTAL NUMBER OF OBSERVATIONS

U.S.

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

1.6 HOURS (L.S.T.) TIEC MONTH DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 73-22 ALL WEATHER COMBITION CTOTE FISHER FL

			-										
SPEED (KNTS) DIR.	1.3	9.7	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	% ~ .	æ	MEAN WIND SPEED
z		-	6.	۲.								5.6	6.3
ZZ	•	7. 7.		ं -								7.6	7.2
ž	7 :	, ° .	2° 5	•								2 • q	7.9
FRE	•	t:	1									9•9	6.8
-	-		C.	•								ş• 9	6.3
ESE		1.0	C.1	. 7	5.							5 ° b	9.1
3			1.5	1.								3.3	7.5
SSE	7.	•	٦•ر	4								2.6	7.8
s	•	7.9	•	- 7								6 ° 4	6.5
SSW		7.0	1.01	2.0								3.3	5.8
S¥		2.0	1.07	1.7		1.						5.5	3.6
MSM	7	206	3.5	1.5								6.9	7.2
*		2.6	3 €									1308	7.3
ANA	•	£ • £	2.0	1.0								ਣ • ਲ	7.8
Ž	1.6	3.3	€.	1.3								7.9	6.2
N.X	4	6.1	G • 1	\$ 4								3.0	5.0
VARBL													
CALM	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	\bigvee	3.0	
	3.11	35.3	37.2	13.2	.7	• 3						C*651	5.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

OLL WEATHER COMPITION

1 Q HOURS (L.S.T.)

													7494
SPEED (KNTS) DIR.		4.	7 . 10	91 . 11	17 - 21	22 - 22	28 - 33	34 - 46	41 . 43	55 - 55	95 Al	*	WIND
	1	,	1	7								4.3	5 . R
z		4	,	•								7 8	5.5
	•	1	1	1								7.7	6.3
ž			4	4								5.5	4 . 1
Z ·	4	-	7,										U
-												2.3	5.1
2	,	•	-	,								\$ ° C	4.3
3				1								2.3	4.7
ž	-			1									4.07
•	-	-	~		1							1 1	3
SSW	7 - 7	203	-										
SW	1.3	2.4	1,										
WSW		1.7		•								•	2
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		77 52	17 7 1	0.0								100.0	3.9

500

TOTAL NUMBER OF OBSERVATIONS

SAMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 13-87 COLUMNICO SE

WEATHED CLASS

CONDITION

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TOTAL NUMBER OF OBSERVATIONS

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INCURVE INCURSO ONS SIN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

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STATION MAINS		
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CLABO	ROURS (L.S.	*
CONDITION		

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AS.	-	-	**************************************	2		C						3.6	5.5
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	1												

TOTAL NUMBER OF OBSERVATIONS

2417

SMOS

#US GPO 1984 741 348/201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL HOURS (1.S.T.) ALL YEARS 73+32 ALL NEATHER COMBITION STATES OF STATES STATES

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95062

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TAUTOCHOTE CLASS

ALL HOURS (L.S.T.)

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ASEZ NO WSEY 172 TO 2-172 OF GZEC 200 FT OF MORE

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1.46		0.0	7.2	.7	6						100.0	មា *

#U.S. GPO 1984-741-348/201

TOTAL NUMBER OF OBSERVATIONS

NOCD, Federal building Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from Data are derived from 3-hourly observations, and three sets zero to equal to or greater than 10 miles. of tables are presented as follows:

- 1. Annual all years and all hours combined
- . By Month all years and all hours combined
 - By Month by standard 3-hour groups

visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently which the station was meeting or exceeding any given set of minima may be determined from the figure at Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for Several examples the intersection of the appropriate ceiling column and visibility row. these tables are shown on pages 2 and 3 below.

ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

examples for use of celling versus visibility tables in this tabulation

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Read celling values independently of visibility under column at right headed > 0. Ceiling > 1500 feet = 92.6%. Ceiling > 500 feet = 98.1%. For instance, from the table: EXAMPLE # 1

Read visibilities independently of cellings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. Q EXAMPLE

To obtain combinations of ceiling with visibility, read figure at intersection of the Celling > 1500 feet with visibility > 3 miles = 91.0%. two categories; i.e.: EXAMPLE # 3

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given In the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet < 3 miles, subtract the value read from the table at the intersection, which is 91.0, and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile." The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles,

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

<u>.</u>...

- 1. By month and annual all hours and all years combined
- 2. By month by standard 3-hour groups.

Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in re-Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for marks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data. NOTE: #1:

Some sources of punched data used for this summary report cloud amounts in oktas. These have converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below: been #2: NOTE:

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	ohe curred.
OKTAS	0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions: Overcast converted to 10/10 Obscured converted to 10/10 Scattered converted to 3/10 Broken converted to 9/10 Clear converted to 0/10

#3:

NOTE:

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (E S T)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T :

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	£S)			i			
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							}	VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	(£3)	<u> </u>		 		:	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HOURS (LST.

CEILING							NIS.	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	2	٥ ٨١	S) Al	۸۱	ε Al	Y 2%	AI	VI Z	2 <u>7</u>	ĀI	¾ Al	*	N N	N 5/16	A1	٨١
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUNS (L S T)

MONTH

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	٨١	VI VI	AI	м М	1 2%	AI	۷۱ ۶۲	7 2	- A1	% Al	∦	VI %	1 5/16	VI N	0 11
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2 8000 2 7000		♦ %	•	•	7	•	27 E	•		7		7 - 5 7 - 5 7 - 5	14. P. P. P. P. P. P. P. P. P. P. P. P. P.		₩ 7.5 # # ₩ #: 7.4.7.	; F F }-
0009 A1 A1		• •	• 4		5			* * 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 ·	• •	1	7 - 2 7	- 4 L L	†** (↑	7.0.7	77.7	
4500 4000		•	•	.,		8 2 3 3 24 3 4 8 8	70. E	7 • 7	7 6 7	3 · · ·	T	•	7 C . ft	7		7
3000		•		\$ 90 20 20 20 20 20 20 20 20 20 20 20 20 20	\$ }	. 7 .	7	3 .	\$ -	e e	ស្ ត ្រូវ បាត់ដូ	च तर • • • • ()		- P	(C) 500, 4 (B) 500, 10 (C)	**************************************
1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×			.5 % 17. 75	10 0 10 10 10 10					-	* * * * * * *	1 5 4 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	10 m	• •	N (0	9 mg	3
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VI VI 8 a				27	•	F.	•	14.07	7 J	7 . 7			4.	ت را د د د د		**

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

MONTH

CEILING							SIV.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES		İ				
(FEET)	۸ ا	AI	S) Al	4	8 Al	≥ 2%	2 Al	VI 27.	71 71	- AI	* 1A	*	Z Al	Y 5/16	AI	0 Al
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

HANNA

CEILING			!				VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	.ES)						
(FEET)	2 ∧I	٨١	ss Al	4	e Al	1 2%	ا۶ ۲	۷۱ در ۲	VI Z	A1	* Al	** Al	چ ۱۸	≥ 5/16	.≾ ∧I	۸۱
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1400			, , ,	10 m	0 S	ru ar	10 S	-	1		7 C	# 0 # 4 5 0 0	0. 10 0. 10 0. 20	20 00 1 10 10 10	5 6 6 8 6 8	20 L
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00 00 2000 1 1 1			٠	: "	1. 4	17: J	3 6 6 6 6 3 4	9 to 1	उ. १. १.	() J	3 . C. S.	1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2 4 2 4 3 4	20 2 5) • ; ; ;; •
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3000			7 7	(%) 4	1 7 8.	* : *** *** *	€ 0 • € 0 0 0 0 0 0 0	3. u	3. J	\$ 0.00 \$ 0.00	भी वा • क • क • क • क • क	75 0 0 0 0		5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6.7	0.00
2000 14 14			25 7	41	14 ° (*) 24 ° (*) 15 ° (*)	0 sz	0 3 3 6 3 8	(1) Po	4 3 4	L 22	5 P	0 0 0 0	Q .	1 A	7 5	F- 6-
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& & & &			ر د د د	• •	\$ 7.00 U	17.7	7500	10 m	77.	7 6 6 7	7.04	7 7	μι ετ • • • • σ	(5 A)	0 0 0 0 0 0 0 0 0	:
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VI VI 88					7.4	7 · 0 : 1	• •	3°5	2 0 0 V	28 - 7 g (10 9 - 3)	2 * 4 S	0 4 6 3 4 6	비 3 후 현 각 건 과 건	6003	20 € €	10 /10 /10 /10 /10 /10 /10 /10 /10 /10 /
8 8 14 14		•	A to	K	r. r.	//			T 1	V • √ √ · · · · · · · · · · · · · · · · ·		7.0°	5 62 4 7	2 M	C G	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

HONTH

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	VI 5	۸I	۸I	41	N Al	12 2%	N Al	VI 52	V)	ĀI	.≭ Al	₽	Z.	≥ 5/16	Z.	D Al
NO CEILING		•	• •		F ()	• a	दा है। • व ा क	20 10 10 10 11 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10 1	2	9 1	• 0 2 2	5 9 9	: 4 :: 5	्र 4. अ अ ध	5	1
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V 1 14000			•	0 i	3 P	36 Z	2 00 0 00 0 00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 . ()		14 E 2	56.3 57.3	10 to 10 to	5 • 2 · 3	7.83	
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V V 8000		7	100	# IN	8 6 81 63	. • 6	0.5.0	\$ 50 2 7	0 0 € 5	3 0 € 0 €	. • 3.0 • 7.3 • 4.	ं क पुरु पुरु	: 3 :	31	56.2	€ 6 3 0 50 4
0005 A1 A1		**	73 73	3 (C) 3 (3) 3 (3)	# #. 3 % &		56.7	(. 2 € 6.	1 3 1 3 2 4	4.7.3	7 2 2 3	7.73	2-6	5 7 a C	5.67.3	€ ° ° 3 8 ° ° 8
VI VI			5 2 23 A	5 15 5 15 11 2		- 17 - 17	0 2 2 2 2 Z			67.7	6- C	07.7		57.7	20.1	3 (3) (1) (4) (2) (5)
3200			l	5 4 5 5 4 5	7	• •	73.07		5 6 5 7 5 7	7.5				7.5	7.57	
17 17 2000 17 17			•	1	74.	4.4	7.00	10.01	76.7	7 5 5	7 7	3 : 1 3 : 1		7300	7 7 • 1 · 1	1 Pr
VI VI 88 82 89 82		:	e e et y et y	74.1	7- P-	7	F 4.	च हा • • • • • • • • •	2 4	7 7	•	1.07	1.0	78.7	74.1	9 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 °
VIVI 000 000 000 000 000 000 000 000 000		• •	75.5	7 4 4 5	# # # # \$	73 n	70 E4	•	•		(c) (c) (c) (c) (c) (c) (c) (c) (c) (c)				5 35 F 33 S 35	
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8 8 14 14			1	त व र र	3 7		• •	£			10 E			3. C.	38.5	
VIVI 80		•		7 3 1	क्रिक् • • -> E	 	, r	د د	• •				() ()		90.7	•

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1. S. T. s.

BORTE

CEILING							N S S	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES						
(FEET)	٥ ٨١	۰ ۸۱	ss Af	VI	N AI	12 2%	N N	VI Z	VI Z	ĀI	X Ai	* 1	Z.	≥ 5/16	NI NI	0 11
O CEILING		3 °	, ,	5- F		7	10 to 10 to	5 P		7 6 7	5) 10 10 10 11 10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 P	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	47.9	0 t = 0
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14000		•		10 10 10 10 10 10				2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -			 	5- 0 - 0 - 0 - 0 - 10 - 10	F	2 - 2 - 20 - 4 3 - 4 4 - 4 4 - 4 5 - 5 5 -	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
V 1 V 0000			5.4	1 . 1 .	6.3.7	• •		3 60 6 6 7 7 7	م و سد سد د ص		13 Au	7 1 0 4 1 0 4	01.0	6.1.00 6.1.00	61.1 51.7	9 P 6 0 64 04 7 77
9000 7000		() ⊕ ₹	•			3 * * 3 * * 3	© # # } € # # }	្ត • ស្ន ្ធ • ស្ន	υ (C · · · · · · · · · · · · · · · · · ·	ं • के उ 6 5 • अ	5 M 9 U 4 E	(* 55) 4 4 2 4	0 f	\$ 0 m s s s s s s s s s s s s s s s s s s	7 () 3 () 3 ()	70 € 17 € 17 €
71 VI			* * * 3 0 2	7 B) * * U II U I,		• • • •	10 हुए • • इ. क इ. क	7 10, 1 10 1 10 10 10	5 B	10 mg		m un • • u ·	*: 40 *: 4 *: 4	9 • 5 9 2 • 3 9	E	4 0 3 0 4 4
V 1 V 1 4500			# 1 0 2	5.00 M	h • ≥ ∀ ∪ • ≥ ₹	5.5 × 6.	67.00 67.00	, 10 (1) (2) (3)		• 3 • • • • • • • •	€ * * • * •	2 • a 3 € 0 • 44	14 °	ह• छ÷ इ• ५०	5 6. o 3 0. 3 o 4	•
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12 12 23 00 12 12 12 12 12 12 12 12 12 12 12 12 12		3		77.7	7	7 • 5 5 • 6	7	7 - 4 T		6 2	10 0 L	- F		75.1		m
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YI YI 1200 1800		U SI	2 2 3	€ € € . 			£ • ₹	- 37	<u>.</u>	••• • • • • • • • • • • • • • • • • •	7 5 C	ある。 ではい		₽ % 3: 04 0	-4 5 C 64	C
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VIVI 88		20 t	(3 .3	* T .		N	0 * # C	5 - 7 1 - 1	14 • 7 10 • 1	** () * * * * : *	1	12.07 c		98.7		
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CEILING VERSUS VISIBILITY

HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

					(FROM HOURLY	HOUR		3SERV	OBSERVATIONS	(6	1			'	HOURS (L S T)	- -
CEILING							VIS	SIBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	으 A1	۸۱ و	ە Al	AI	۸۱	Y 2%	2 Al	<u>بر</u> ۲	× 1	ĀI	¥ Al	* AI	Σ ΛΙ	≥ 5/16	× Al	٨١
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VI VI 00081 00081			100	110		7	52.7	7.1	5.7.3	7.7.2	5.7 1	57.1	17.1	57.1	57.1	** ** ** **
1 1 4000 1 2 2 0 0 0			10.10	7 ° ° °	0 25	3 ° C :	9 0 0 0 5 6 0	8 2 5	0 0 0 S	F - 54	6.67	0.4.0 0.4.0	6 B	5.4.5	5 . € 1 . €	0.05 1 3 4 2
0000 A1 A1			200	3 3 3 3 4 3	18 8 8 18 9 9	ि • श्रुप	ं का दे _ का दे	5.44 S	2 ● 5 3 5 ● 4 5	64.5 28.5	A • 8 9 A • 8 9	0 * # 9	5 8 8 9 5 8 8 9	0	5 0 0 3 3 9 4 9	34 . 34 . 34 .
000 200 41 A1		101	20	- 3 - 2 - 2 - 3 - 3	#1 () () () () ()	\$ * \$ \$ \$	2.0 € 10 € 2.03		6 0	3 4 2 7	ξ * _5 Ω • ω τ	5 1.4 2 • 6 3	14 U	\$ 5 . \$. \$	8.83 5.83	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
000 9 %			4 3	5) iA		0 6 0 4	2003 2004	70.2 20.2	7.	1 P	1. • <u>1.</u>	5 . 2	5	72.0	\$ 0	7. 6.
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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

HOURS (1 S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1.8.T.)

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HOURS IL S T 1

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CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (1.5.T.)

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CEILING							VIS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	.ES)						
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8 8 14 14		,		6 10	€ 6		7 6 7 7	7		10. (1) 2. (1)	1-		7	56.35	9.1. 9.2.	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

MONTH

CEILING							NIS V	IBILITY (ST	VISIBILITY (STATUTE MILES)	.ES)						
(FEET)	VI 5	۸۱	۶۰ ۸۱	۸I	es Al	4,2 A	~ Al	VI %	۷۱ ۲	- AI	¾ ∧l	∦ ∧I	٧١ خ	Y 5/16	z. N	D Al
NO CEILING							6 .	•		ا ا ا				・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	. 10 0 w.	
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VI VI 0000 0000		•			- 4 a-4	# S	2 • 1 · · · · · · · · · · · · · · · · · ·	7 • T ·		2 1. 0	ं के के के के के के के के	61.4K	1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1.1.	(A (A)	# # # 115
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0009 AI AI		1 .		a • • • •	2.6	• 6	. •	1	• •	• •		•	•	42	 6 5 4 3	•
V1 V1 4000		• •	\$ 4 10 5 5	7	# 6 * 6 * 6 * 6	± 100	7.1.	6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·		7 7	() see	Pr			() for	C
3200		• •		4		5.5	(F) (F)		# # * # #* !	7.5.0	(* C - C - C - C - C - C - C - C - C - C		~ ;	7.5		•
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VI VI 8 8		•			• •		C •	0 00 0 00 0 00 0 00	e u		e d			A LI		• •
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8 8 8 8		•	7 7		# 50 # #7 10 10		• •		√ • € .			7 2 2			5. 8	100 E
۷۱۷۱ 8 م							•			1. E. S.	F . F . J					

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CEILING VERSUS VISIBILITY

#ONTH

HOURS (1. S. T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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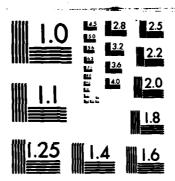
CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	2 ∧I	٨١	\$6 A1	۸I	e Al	Y 21/2	~ Al	۷۱ ۶۰	AI AI	- AI	求 Al	3₽ ∧I	Z Al	≥ 5/16	⊒* Al	۸۱
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0000 2000 Al Al		•	A	• •				*	• •	• • • • • •	* : (KI C	•		•
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VI VI 8 o					•		•	д з		() ()	•		ा ५		12 ° 0 ' 2	

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TOTAL NUMBER OF OBSERVATIONS

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	UNCLAS	SSIFIE) PE 1	ACARER	11 11311	ETILLE	NC P	100 07			F/G 4	1/2	NL	



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

1 & HOURS (L S T)

C . W

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS.	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	71	4 0	S) Al	1	Al	N 2%	الم الم	VI 75	Y) %1	Ā	¥ N	∦ Al	Z. Al	N 5/16	¾ Al	0 Al
O CEILING			10	30 € 11 € 11 €	• • । • ।	Q • (1)	4.10	#1.0	0 t. ~• t ~• t	0 • 1 ±	(4 1 . 7	41.0	41.9	5 C C C C C C C C C C C C C C C C C C C	41.9
VI VI 00091		10.0	20 c	5. C	() () () ()	7.0	0.00		1 0 0 M	0 6 V	50° 00° 00° 00° 00° 00° 00° 00° 00° 00°	0 0	• •	6,0	C1 6 6 6	
			4 6	37 F	5.9	400	300	4 0 0	1	┥ -		• •	•	3 5 C U		59.4
				• • •	1.4	1 C1 C1	67.0	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	73.44	5 2 9 5 2 9	C. N	- C.	• •	- •	65.3	
000 200 1 A I A I		40 40 40 40 40 40 40 40 40 40 40 40 40 4	© ₹ • 0 Q		5.00 6.70	3 6 6	10 P	55.8 67.4		000 000 000 000 000 000 000 000 000 00	95.00 to 40	65.3	& 24 € 50 € 50 € 50 € 50 € 50 € 50 € 50 € 50	56.8 67.4	56.53 4.73	1
00 00 00 00 01 A1 A1		0 F	1 _	63.03	57.7	69.0	57.7	C-7.3	1	67.7	57.7	67.7	67.4	67.7	67.7	67.7
VI VI 4500 4000			20 ~	63.	59.4	71.0	S -	71.0	ı		23.0	(O	95.4	(A)		73.6
1		77 89 104 60 100 00	• •	7 (1)			•	2 Y	74.2	5 Ca	a a∵ ⊾∴		2 to 3	74.6	74.6	14 en
17 IV IV		40	C	\$ 5 S	Sec. 7	69.49	91.0		• •	• •	• •	• •		• •	n	91.9
VI VI 00 50 00 50		W. 13	٠ بىد ا	9.10		0 m	91.5	•	0 0.	91.9	0 W	0 -1 0	91.9	91.0	91.0	0 0
VI VI 000 000			0	4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		10 10 2 10 3 0		5.00		95. 97.	95.5	• •	95.5	95.5 97.1	95.5	95.5
8 <u>8</u>			9.46 9.46	3°56	\$ 5 0 C	5.00 B	1.96	6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	₹•35 8•35	1.79	1.25	97.1	97.1	97.1	07.1	97.1 97.1
88			00 * # 0	J. C.	95.83	×5.	96.1	3.30	1.7 ¢	5°26	77.4	97.1	97.1	97.1	97.9	97.1
8 8 8 8		क क • • • • • •	97.0	1.90	96.1	16 • 5 26 • 5	97.1	63.1	53.4 93.7	1.66	50.00	96.7	98.7 96.4	98.7	7.86	98.7 99.4
200 1 × 1 × 1		3.0	C* 16	ţ	90.01	6.5	47.0	#• € €	58.7	* 56	90°49	4.99 99.4	29.7	79.7	188.0 100.0	100.0 100.0
80		11 • C	90.00	.6.1 96.1	96.1	6.5	97.44	3.00 €	90.7	99.	95.4	4°65	99.7	59.7	1.0.0	150.0 153.5
			.1	्	Ø	4	~	•	<i>5</i>		1	3	86 H 8	6 4065 Has	5 4 39 4 39 7 3	5 4 9 9 4 9 9 7 9 9 7 1 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 2 1) SE NON

2							NISIA	IBILITY (ST.	VISIBILITY (STATUTE MILES)	<u>S3</u>	!					
(FEET)	VI 5	۸I	S) Al	Al	£ Al	1 2%	AI	۷۱ ۲۰	VI 7.	Ā	K IA	≉ ∧i	Z N	¥ 5/16	AI	AI
CEILING 2000			5.1 e. A	(1 G	(4) A	្រ ជ ស ភ	77. 47 7. 9 5. 5	en a	۲ م د د د د د د	5.0 8.0	\$ 0 C S	52.3	F. 3. 3. 6.9.4	52.3	52.3	52.3
00091		27 a	0	• •	~ 6	• •	20	1 8 C C C	0.0	• •	0.0	4-63	4.54	4.69	69.4	69.4
12000		4,	50.0			• 4	12 00	• •	77		7.07	•	•	70.7	79.7	73.7
0000			75.5	76.8	76.5	76.8 76.5	76.8	76.2 76.8	76.5	76 • 6 75 • E	76.8	76.5	75.B	76 • 8 76 • 9	76 • 3 76 • 8	76.3
2000 7000		• 0	30 ° 3	71.6 51.9	01.6	3 1 • 6	31.8 81.9	31.5	9 6 1 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	81.6 81.5	30 B	91.6 81.9	51.6	81.9	81.6	51.6
900		0 1	F • 182	C	0 T W	6 1 3	81.0	01.0	10 C	3 S	G- 80 - 4 - 4 - 4	0.00	61.9	31.9	81.9	81.9
4500		3.2	en as	0.00	G - 60 80 40 80 80 80 40 8	6.3. S	93.9	9 3 3 S	Ç 6 8 4 8 4	% • S &	. 3 . 4 . 8	7 8 10 4 2 4	6 8 4 8 4 0 0	M 4	0 % 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	9
3200		1	l	57.1 33.4	32.7	7.62	88.7	97.4	2	87.4 36.7	5 7 . 4 5 5 . 7	87.4	C	67° C	28.7	38.7
2300 12 2000		₹ 3		ુ•લક ઉ•ક	30 5	7 50	89.44 81.3	39.4	3 4 5 8 3 1 5 7	82.4	31.3	30.4	87.4	39°4	\$9.4 \$1.5	39.4
1500		3 9	91.	91.0	<u> </u>	.1.3	21.3	2.2	93.2	91.5	91.3	91.3	91.3	91.3	91.3	91.
1200		2 e e	21.6	2• Cs 2•3 6	94. 3	ा (र अ.अ.अ.	S . # 5	34.5	5.4.5	2000	K • 3 0	er ::	0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20.00	94.8	94.3
8 8 8 8		, V	\$ C	53.2 2.50	94 . 5	ि क	34.5	. 4 • 5 . 5 • 2	7 C C C C C C C C C C C C C C C C C C C	0 a 3 6	96.46	94.8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95.5	94.2	94.8
88		6.7	91.0	2*50 9*50	30 a6	3 LO	95.2	35.2 56.1	C 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95.5	0 0 0 4 0 0	95.3	75.1	97.7	96.1	94.
500 400			4 - 50	\$ • \$ 5 \$ 6 \$ \$ 5	95.8	な で ● ● 動 (の の) ゆ	97.1	1.40	97.1	1.656	3 (D) 0 (S)	3° 6 6		90.00	29.7	
8 8 N N		5. 6.	900	74 • 5	95 e E 95 e 5	05.0 75.8	57.1 97.1	97.1 97.1	97.1	08.7	4°55	7 ° 6 G	1.00.001	98.7	59.7 100.0	15.5
80		7 . 1	92.6	94.5	95.e.	95 e c 95 e h	97.1	77.1	97.1	98.7	す。 ひん た	29. 4 e	100.0 100.0	100.001 100.01	100.0 100.0	160 100 100

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	£\$)						
(FEET)	01 2	9 A1	so Al	4	£ Al	≥ 2%	2 4	٧١ ۶	¥1 Y	AI	*	* <	\$ Al	≥ 5/16	" Al	Ø Al
NO CEILING		•	10 P		0	7	C 1 0 1	61.00 E	U 8 • U • U • U	C - C - C - C - C - C - C - C - C - C -	6103	61.3	61.3	61.3	5.1.0	61.2
V 18000			• •		-	~	200		1	4 .	72.6	72.6		9 .		77.6
00091 ~	-		7	71.	7100	•	72.3	72.3	7 7	•	•	•	72.6	•	•	•
14000		•	71.3	21.0	7.00	72.3	12.3	5.24	72.3	22.9	2.2.	73.2	73.2	73.2	73.2	73.2
12000			7.0 %	1	74 6 3	24.0	74.65	74.5	30 17.1	74.5	74.5	74.3	74.8	74.5	74.3	g;
VI VI 808 808			4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	76.55	77.1	77 . 4	77.4	77.4	77.4	77.4	77.7	77.7	7.77	77.7	7.77	77.7
000 Al		3	7		17.		81.0	C: 1 :		€: • • • • • • • • • • • • • • • • • • •	01.3	: 1.3	.1.3	#: #:	9.1.6	÷ 1 • 3
> 7000		2 6	7: 7	5		1.3	31.3	11.5	51.	. 10	51.6	d1.6	31.6	E1.6	51.6	3.13
809 A1		C • # /	Γ: •	े ा क्र	81.3	110	31.6	1.6	916	1.6	5.1.3	11.9	01.9	e-18	81.9	21.9
000 ^1		ائن (ن ا	. v	81.8	81.9	52.3	12.2	S. 6.3	6.3		3000	2.66	22.6	12.06	6.2.6	12.6
> 4500		2 5 2	. 1 .	11.5	82.0	8.20	6*23	6.28	5.22	3 3	5.3	2.25	2.5.	\$ 3 . 2	33.2	2023
- 1		7.0	3.4	2.3	85.2	3.	3.5	3.5	330€	3.6€	6.3.9	\$ 3.0	5 2	33.9	33.9	9. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
> 3500		. 6.9.	82.3	6.63	63.6	7 . 48	2.43	2.4.2	54.0	N . 45	64.5	34.5	M . # U.	12 to 12	84.5	12) 12.
		300	5.0	53.9	84.5	25.07	35.2	15.5	0.50	35.5	6.5.3	35.3	5 5 e G	35.5	S 2 8	5 5 e is
× 2500		100	C B	€ 5 • 6	4. • · · · · · · · · · · · · · · · · · ·	6. 0	86.0	17.1	37.1	37.1	37.4	3070	37.4	87.4	97. R	3 - 1 3
F		7	3.0 3.0	17	7	3.7	53.7	0.60	C 0 3	35.00	E 9 a 4	P . 4	300	4 6 G G	4000	3 0
90 AI			2) (C)	36.8	47	3.00	49.	7.4	3	3 3	10 c	59.7	53.7	39.7	7.08	40.7
. !		P 1	6.00	3000	916	1107	71.	01.	91.6	31.6	916	9109	9.0	910	6.15	9105
021		•	4.4	ែ⇔៦6	51.5	7.03	F	32.6	30.20	9.26	0.0	92.5	0.00	92.5	92.9	5.00
		-	HO. 1	29.2	32.6	. 2 . 7	92.5	73.2	33.2	93.62	5 7 . 6	93.66		03.6	300	9306
& Al			#4 () ()	P	3000	(N.	92.8	53.2	17 14 6	93.2	5.5° A	9 : 6	9.23	9.20	03.6	40.00
j		•	3000	90°U	92.9	53 e 2	0.0	3.5	9 7 9 E	73.6	73.7	93.9	6 . 5	9.50	9.89	3 5 6
8		14 1-4	٠.	% • ⊖ ¢	4.50	:3.E	5 % 5	Q . K.C.	6.00	95.9	S a . 2	34.2	0.00	3.	94.2	3.4.8
i		€ # P	L u s	90.3	3 % e	3.0	3.0	93.9	93.9	93.9	34.2	940	5402	5445	39.2	24.2
Š		3.	्र • १ छ	4000	6.8.2	C • 10	2.40	75.2	46.2	9006	95.5	5 6 2 6	95.5	75.0	95.5	ري دي دي
1			3 3 6 4	91.3	3 0 11 0	3.4 . 3	95.5	1.95	55.1	21.2	99.01	1.86	1001	38.1	28.1	198
88		-4 ÷	3	20	4 e 4 d	(0) 3 u	0 0 0 0	P. 4	\$6.5	75.0	3000	# C	9 C	3 6	98.00	3 F
		•		7	•		٥	•							•	

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(PEET)	5	AI	so Al	AI	es Al	14 2%	% Al	VI Z	VI 7.	- A1	k IA	* AI	S.	2 5/16	× Ai	AI AI
O CEILING			च ४ च ४	0 m	2007	6.7.2	ជា ជា ភា ជា ជា ជា	5 0 5 5 0 5 5 0 5	20 0 3 0 12 0 0 12 0	3 . 4	47.8	40.8	5.1.2	50.2	50.4 52.0	50. 62.
VI VI 0008 0008				57.	10 4 6 9 50 5	(C) (C) (C) (C) (C) (C) (C) (C) (C) (C)	3.9.6	20 C	F G • R	60.0	5102	61.2	61.7	61.7	62.2	6.0
1 V I V I 2000		13 8	5 7 8 25		er f	€3 1 °		\$ C.	• •	61.3 62.7	01.5	61.5	(C) (A)	52°C	62.3	0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
90 % 00 %		• •		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	61 M	63.00 63.00 10.00	54.0 64.0	55.3 65.3	4.50 4.50	66.5 68.1	66.3	\$ 9	56.7 55.8		67.1	67.4 67.4
VI VI 2000 7000		១ ១ ១ ១	2 3 3 2 3 3	2 vi	10) (4) 1- 11 10 (4)	67.3	63.9	59.6	100 e 7	7:04	71.07	7.3.7	71.1 71.8	71.2	71.5	71.8
9 % 9 % AI AI		C. :	2 F	67.7	3 F	1 0 0 c	60.8 70.h	73.5	76.6	71.3	71.5	71.5	72.7	1201	72.4	72.7
VI VI 864 865		- 1	1 -	6.5.1		• •	71.0	71.7	73.0	72.5	72.3	72.3	73.3	73.3	73.6	74.67
3000		• •	30	, ,	25.00	7.2.7	73.0	74.7	74 . 7	75.5	75.8	75.8	• •	• •	76.6 35.4	• •
17 IV		1	74.5	77.0	73.7	79.1	80°2	1.1.	C. 10	81.9	83.8 SF.93	85.3	7.7.	82.0	83.1 95.9	₽ 3 /3 €
VI VI 0081 1500			7 7 8	79.	81.0 83.0	े ८ ८		64.1	C • 2 5	85°	83.3		# (1) # # #(1) #(1) #(1)	• •	36 . 2 88 . 4	Ω 60 Ω 60 Ω 60 Ω 60
Y 1 700 1 200		. 3 e 7	7 • 9 P : • 9	5 ° 5 d	85.1 15.4	. S	36.88 88.3	57.8 85.3	67.9 87.8	2000 P	85.01	99.1	60.6 01.2	99.6	97.eP	91.9
8 %0 8 %0		(• a.	1 • 1 G	සි • අය ව	56.7 87.3	27.1	3 F X C 01 Q	ଦ ଶ ଓ ପ	୪ ° ଓଡ଼ ଓଡ଼	00 00 00 00 00 00 00 00 00 00 00 00 00	0 7 5 1 5 2 7 5 3 7 5	91.0	F. C. C.	92.4	91.9 92.7	92.2
8 % 8 %		1.5.	1.13	#•53 50•#	37•5 88•1	8 6 8 6 6 6 7	89.7	93.7 91.4	47.5 41.6	92.5	92.3	72.3	0 Pe	92.0	5 3 0 2 S	03
VI VI 864		9 5 / 5 / 5 /	55.02 30.03	6°35 8°57	30 € € € €	5.9 • £	91.1	£ • 25	00 E	9.2.6	57 . 37 Q. 2	94.2	6	54.5 75.1	95.2	\$ 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
8 8 8 8 8 8		9 S.	क• 28 80€	(1.6.0 (0.6.0)	ं (उ • १ १८ १	# .G # 05 15 (4)	92.7	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	5 2 6 5 2 5 5 3 5 5	95.2	0 PO	95.6	9. 8. 8. C. C. C. C. C. C. C. C. C. C. C. C. C.	96.6	97°F	10 C
VI VI 8 o		중 # • • · · · · · · ·	# G	66. F.S.	E () L () K ()	10 0 6 0 6 0	0 TO TO	93.2	10 40 M M W U	#	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	96.5	37.5	97.6	98.5	100

TOTAL NUMBER OF OBSERVATIONS

24.8

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(S)	,					
(FEFF)	5	AI	No Al	**	E AI	% AI	~ Al	V) Ž	N 1%	- -	* N	*	\$ Al	≥ 5/16	% Al	O Al
NO CEILING		N 89	20 1	42.4	75.3	0.6	8 ° 3 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7 ° 7	55.3 77.0	66.0	55.7	57.3	57.7	57.7	67.7 79.3	67.7	67.7
00091 VI VI 00061 VI		37	M. 1.	7 7	7 E - 3 L	5.7	77.	77.	72.77	73.2	79.0	7003	79.3	79.3	79.3	79.3
V IV 14000		3 3	7 7	67 6. 13 4.	75.7	77.	77.3	77.3	73.7	73.7	70.3 31.	79.7	79.7	79.7	19.7	2013
0000 A1 A1		6. F.	77.03	77.3	7.0.7	ာ ပ က က	30.7	30.7	31.7 51.3	82.0	82.7 82.7	0	83.0 83.0	83.0 83.0	ପ୍ରକ୍ଷ ଅବନ୍ଧ	() % % Y
VI VI 7000 7000		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7 8 E	70.7	0 € € €	F * 2 .	73.E	0.5°	83.7 33.7	3403	85. 85.0	85.3 85.3	សា ស ទោ ស ជ ឯ	35 ° %	() (I) (I) (II) (I) (II)	My M
8 8 8 8 8 8 8 8		10 to 50 to	7 20 1	77	8 . G	20.2	53.58 85.83	3.85 C	5 4 6 7 3 4 9 C	34.3	85.3	45.3	ं र र र र	6.5 . 3 6.5 . 7	85°3	5. C . C . C . C . C . C . C . C . C . C
VI VI 600 000		3 · · · · · · · · · · · · · · · · · · ·	75.27	M M	10 mm 20 mm	C * # 10	7.28 7.29	5.3.7	84 . T	55.0 96.0	€ 5.7 86.7	85.0 87.3	35.0 17.0	86.0	85 64 5	ට (. ආ ද ආ ද
3300 1 A I A			7303	F.2.97	35 20 7 20 7 20 7 20 1 20 1 20 1 20 1 20 1	7. 7. 12. V.	0.6 0.8 0.8	0.00 % 0.00 %	86.7 38.7	87.3 84.3	88.1 97.03	98.3	₩• • 000 • 000	88 .3 90 .3	88.8 90.8	60 E
14 14 2000		F 23	20°0	0.00	C • 8 8 8	60 AV	89.0	ជ ំ សំន	ੁ•18 ਹ•Ω6	7.08	91.3	L.16	91.7	92.7	91.7	91.7
VI VI 0081 0081		3.00	1 S		2	5.9°3	00°00 92°3	90.00 02.3	51.0	91.7	92.3	95.7	7.50 7.50	92.7	95.5	92.7
VI VI 1200 1000		30.00	60 TO	0 P	4.1.4	7.20.3	5483	.3.3	94.3 99.7	95.0	97.0	97.3	97.3	96 ° '	96.	96.
88		7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7		7.88.4 8.08.4	9.2 e.3	33	94.7	44 a 39	95.7	96.7	99.	97.7 98.3	97.7 98.3	97.7	98.7	97.7
VIVI 88		75.7	2 3 5 E	8 3 . 7	7 . 5 P	20 m	94.7	20 00 C	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	97.3	7 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	98.1	98.3	98.3	98.3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
VI VI 88		SE CO	,	ට ව ලෙස සෙ	93.0	ी U	60 G	3.6.3 26.0	1.76	5.86	99.	99.3	\$ 8 5 5 \$ 5 5	99.3	500.	99.3
8 8 M M		K 60	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	E1 (े ते का ध	93.3	1) (L	95.3	£•9. ۥ3.	£ * 16	93.2	99.0	99.3	2001	900	99	99
80		. r	3 3 2 7	0 D 60 G	10 E	* 977	0.55	0.60	67 .7 7 .7 .4	93.7	200.	39.7	7.0.7	29.7	2000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							Š	VISIBILITY (STATUTE MILES)	ATUTE MILE	£5:		į				
(FEET)	5 VI	۸I	۸I	VI 4	AI	N 2%	~ Al	VI Ž	VI Z	,	≱ Al	a# Al	\$ Al	N 5/16	N N	AI
NO CEILING		F) 0	2. 1. 2 1/	* P* * * * * * * * * * * * * * * * * *	56.5	9 3	्रिक इ.स.स.स.स.स.स.स.स.स.स.स.स.स.स.स.स.स.स.स	0.3 o 2	5.20	63.7	04.07	54.0	7 E B 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5403	64.7 73.7	55.5
VI VI 0008 0008			: 0 :: 3 :: V	៩ ខ ១ ១ ១ ម		3 8		0.00	7.04	7117	72.3	12.3	7 4 0 1	73.3	73.7	74.0
14 IV IV		1) E.	# 0 # 0	2.8 . 3	1 - 1	5. 4. 5. 4.	C # 5 6	7.00	69.7	73.7	72.4	• •	73.3	• •	73.7	74.
9000 0000 0000				62.0 62.0	57.7	6.00 G	72.7	74.3	740.3	76.3	77.	77.3	79.0	73.07	73.3	78.7
VIVI 2000 2000		2. 3.	10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	T 4 4 3	7007	71.017	75.7	77.3	77.3	79.3	TO C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 • 1 ×	0 1 6	31.3	K1.7
99 95 AI AI		1.2	***	54 - 7 54 - 7	70.7	73.62	75.7		77 . 3	79.3	<u>ଅନ୍ତ</u> ଆର୍ଷ	0.00 0.00 0.00	C. P. C. C. C. C. C. C. C. C. C. C. C. C. C.	(2) Pr	91.3	82.07
VI VI 064 064		() () () () () () () () () ()			70.7	~ ~	4 6 4	77.7	77.7	• •		1		- ~	81.7	
3300		K 4	- ma 10	900	72.3	m =	79.7	79.5	• •	81.23	• •	(4 14)	• •	33.3	W 10	4 10 4 0
1 × 1 × 2000		0 4 0 4	67.7	55.7	75.7	9+	5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7.00 P.	5.2 m	3 C	30 C C C C C C C C C C C C C C C C C C C		37.7	€ 00 K	C 80 70	15 0 3 G
VIVI 080 081		3 Po	2 * 3 3 3 3	71.3	77.3		m 3			\$ 20 E	0.0				0 C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VIVI 65 60			5 • 4 9 5 • 6 7 • 6	7.57	7 9 • C	7.0.7	8.4°7	M M	0 to 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	61 % 61 % 01 80	0 · 6	0.98 0.98	C) #1		or.7	91.5
& & ALAI		10 pc	5	5 4 4 F	50°7	E • 1	36.3	() en (0 en (0 %	ୟ କା ଓ) ଓ ଓ) ଓ ଓ) ଓ	90°09	60.19	7.56 91.E	31.7	92.8	92.3	(4 th
VI VI 8 8		5 0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6 € • €	1 . 45 7 . 45	6 1 0 8 1 0 9 1 0	2.	87.0 87.0	69.0 89.0	C • C & C & C & C & C & C & C & C & C &	91.0	91.7	91.7	02.7	93.0	03.3	93.7
VI VI 8 8		5.5	6 5 e 3	75.0	81.7 82.	2.3	97.7 38.	7.08 90.0	63.7 93.0	91.7	52.3 52.7	92.7	0 M	98.3	2 * 9 4 3 * 9 6	10 to 10 to
200 10 10		2.0	E • 3 9	75.3	92. 82.7	52.7	83.	90 .7	7.00 P	92.3	98.0	93.U	54.0	24 • 3 96 • C	94.7	95.
VI VI 8 o		6	6 ° 3	75.7	F (F) • • • • • • • • • • •	3.6	59.7	90.7 90.7	90.7	93.3	94°C	7. to 12.	ល ខ្ ខ្ ខ្ ខ្ ខ្	76.3	97.E	97.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

AP P

CEILING							N SI	VISIBILITY (STATUTE MILES)	ATUTE MILI	£3			?			
(FEET)	S VI	٨١	so Al	AI	N AI	12%	~ Al	VI Z	VI %:	Ā	1K	∦ Al	& Al	≥ 5/16	× Al	o Al
NO CEILING		10 AV	*** **********************************	61.7	47.7	# M	5.00 5.00 5.00 5.00	10 10 00 00 00 00	ଟ ପ୍ର ବର୍ଷ ଓଡ଼	្រ ខេត្ត ខេត្ត	57.7	57.7	55.3	58.7 67.3	59.7	500 to 30
VI VI 00081 VI 00081		W Pr		15 5	60 60 37 37 33 53	W W	12 - C2	53.7		ប្រ•្ទាធិ	65.7 5.00	65.7	67.0	67.03	58.7	0°69
1400		* 3	ចេក កំន	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ស ភា ភា ម ស ស	17 E	10 00 0 00 0 00 0 00 0 00 0 00 0 00 0 0	1	3		67.3	65.7	65.3	67.3	70.07	() () () () () () () ()
VI VI 000° 000°			5 C	# 27 4 45	∫ • •	59.7		3.7	x * # 4	66. 5 57. 3	7 7	ំ ភ	71.7		73.3	73.7
71 VI V V V V V V V V V V V V V V V V V V				77 C	63.7	5.3	65.7	5.8.U	6.5.3	72.3	74.3	74.3	75.7	76.7	77.3	77.7
VI VI 8000 8000		Sp. C Sp. C	.0 10	50 to 50 to	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# 67 # 57 - 7	67.0	3°01	5.4.7	7347	75.7	75.7	77.0	77.3	79.7	75.07
VI VI 824 806) (1) (2) (2)		55.7	ن جنا ان جنا		58.3		73.3	77.03	77.0	77.0	7	78.7	87.8 82.8	M F. □ 00 00 00
3000		या व्य 03 % 7 य	2 C	6.20		7.00	7.0.7	14 e W	74.7	78.7	€ 7 • 7 32 • 7	82.7	80 • B	62.3 84.3	53.7	() () 4 () 4 ()
1 A 1 A		ers per		65.0	70.3	71.7	74.7	77.0	77.5	8 3 8 3 S	2 * 8 S	83.3 84.3	2 4 . 7 . 7 . 7 . 7 . 7 . 7 . 7	ં• ડ ટ	56.7	୍ଦ୍ର ପ ୧- ଧ ଦ ଅ
VI VI 085 086 087					72.0	72.7	75.7		70.3	82.3 33.7	M 3 M 5 O	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	• •	56.07	83.7	() F () 0 () 0 () 0 () 0 () 0 () 0 () 0 () 0
VI VI 1200 1000		त • जिल्ला जिल्ला	10 7 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ع ن	77. 4 77. 4	1	77.0	79 ° 8	70.00	0.00 0.00 0.00 0.00 0.00	00 65 10 10 10 10 10 10 10 10 10 10 10 10 10 1	86. 87.3	8 7 . W	~ 0.	0 C	~
8 8 AI AI		45.4	58.0	63.0	73.7	75.0	70.7	50° 4	81.0	25.7 8 0 0 1	13 7 . T 8	87.7	(P) () () () ()	9 00 00 00 00 00	91.0	91.3
VI VI 8 8		46.00	50°3	69.3	75.0	76.7	79.7 80.7	12 12 12 12 12 12 12 12 12 12 12 12 12 1	3.2.4 3.3.4	3 O	90.8	97.8	0.83 0.34 0.34	93.0	ः १ ८ १८	5 to 5 to 5 to 5 to 5 to 5 to 5 to 5 to
VI VI 8 8		16.5 a 3		70.0 70.0	78.7 75.0	77.7	80.7 80.7	8 के 3 8 के 3 8 के 3	2 M • 4	89.3	91.7	91.7	97.3	93.7	95.3	95.7
8 8 1 A 1 A		40.0	50.00 50.00	8 8 10 0 4 4	76.7	(1) (P) (1) (S) (2) (S) (F) (*)	≈ 0° 0° 0° 0° 0° 0° 0°	បាក មេ	ក្ ព # ១ ១ ១	9 TO 10	6 3 0 0 0 4 0 0	10 ° 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	95.3	97.2	96.2
80		E	50° N	70.3	76.7	7007	31.7	24° %	C - 0 10 10 10 1	0 1 ° 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 5 e	ं । अ.१.	3 A & 3	96.7	0.00 c	0.00

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (. S T)
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S Q &

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES						
(FEET)	۷I 5	۸۱	wo Al	VI 4	es Al	Y 2%	AI	VI Ž	۷۱ ۲۰	- AI	≱ Al	* AI	N S	≥ 5/16	۸I	O AI
NO CEILING		2) en	 * .	1	57 e f	7.0	ច ស ឆ ១ ខ	57.0	3• 1 €	7.0 68.0	1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	57.0 65.0	57.0 65.0	57°.	57.0	57.E
VI VI 00061 00061		77 77 77 77		्र हो स्टब्स् स्टब्स्	\$ \$ \$ \$ \$	្រូប ទំនួ	1 C 1 F 2 F	• •	ប <u>់</u> សូទ្ធ សូទ	0 • 6 ¢	1 0 2 9 C		ប•ខ្ទ ០•ខ្ទ	• •	65.	0 0 9 0 9 0
1700		n a	3 C 5 C 6 C	1 -	20 40 20 70 20 40	3. 4 4.	C C	3 C	\$\frac{4}{6}\cdot \frac{4}{6}\cdot \frac{4}\cdot \frac{4}{6}\cdot \frac{4}{6}\cdot \frac{4}	C • & 3 C • & 6 C • & 6	0 % 0 %	2.00 0.00 0.00 0.00	0.89 0.89	0 • 3 9 0 • 3 9	C • 8 9	6.50
VI VI 0000 0000		0.0	0 0 0 0 0 0 0 0 0	68.00 58.00	5 0 V	ದ ೧ ಖ್ಯ ಭ	0 % e q	0 0 0 0	្ត ឃុំ ស្ន	66. 68.	ට ව යා ස මේ ම	े ७ ७ १	G 63 G 63	68.0 68.0	0 • 8 9 0 • 8 9	् । १९७९
V: V: V: V: V: V: V: V: V: V: V: V: V: V		ν: ν ν: ν	7403	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7 75.0	74.7
9 99 A1 A1		A) 6/1	7.9.7	73.3	700.2	75.00	75.3	75.3	75.7	5.37	75.3	16.2 16.2	75.3	75.3	75.3	75.3 70.0
VIVI 82.64		3 A	, .	75.3	75.3	12.37 17.44		76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.2
71 A1		7.8.4 7.8.4		73.7	73.7	78.7	72.7	78.7	76.7	78.7 33.0	70.7 83.0	78.7	78.7 53.0	78.7	79.7	78.7
17 IV IV		A (A	35.07	87.0	67.3	7.3	37.3	e7.7	67.7	€ • 26 € • 26	57.7	97.7	57.7	67.7	87.7 92.3	87.7
91 VI 88 82			1 ' ' ' '	01 e 2	92.00 75.00	0 0 0 0		55.3	52.3		• •	• •	\$5.55 \$5.7	• •	• •	95.3
V V 1			9 C • 3 &	2 • G : 5	26.3	5.3	95.0	75.7	5.7	2 * 4 C	96.7 97.3	56.7 97.3	96.7	96.7	96.7	96.07
8 8 8 8		1.3 • 7	96.	76.5 00.3	97.	7.	77.0 97.	97.7	57.7 97.7	93°	9 6 9 7 7 2 4 1	0 • 0 0 • 0 0 • 0 0	U • 0 €	98.3	0.88 0.89 0.89	00° c 6
VI VI 8 8			96.03	07.0	98.3	47.7 98.0	97.7	28.3	30.3	7.86 7.86	99.7	99.0	7.00	7.80	99.7	98.7
VI VI 8 8		 G (V)	96.7	0.7°	E . E . E	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 4 0 0	0.6°	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	79.7	7.96	99.7	2.05 2.05		59.7	5.9.7
8 8 N N		77.	90.7	57.0	00 C	र के कि 23 के कि	# # 0 0 0	00°00°00°00°00°00°00°00°00°00°00°00°00°	6 0 0 0 0 0 0	190° 0	100.0 100.0	100.0 100.0	2 C	0 • CC CC CC CC CC CC CC CC CC CC CC CC C	0 0	100.00 100.0
VI VI 8 o		ea 64	06.7	1 10	90 • 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	98.7	51 50 50 50 70 70	χ • 6 . 6. ¢.	130.0 100.0	1000 1000 1000	100.0 100.0	100.00 100.00	100°C	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

100

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				s			VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	9 Ai	۰ ۸۱	ss Al	A)	R AI	≥ 2%	2 2	۱۷ ا%	V1 V	71	*	*	Z Al	≥ 5/16	% Al	O Al
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VI VI 0000 0000		<u>ម</u> ស ស ស	60 pc	50.00	50.7	2.69	59.3		7 To 10 to 1	50.3	50.3	en en	50 C C C C C C C C C C C C C C C C C C C	5.90.7		
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3300		(2) % (3) %	7 7	71.00 84.3	71.0	71.0	71.	71.0	71.	ू • प्र • क्ष	71.0	71.0 84.3	. P.	71°. 84°3	3.40	3 4 ·
2 2000 2 2000		~ ~	0.1 € U	1	91.3 54.3	7.1 • ₹	94.3	11.3	71.7 74.3	91.3 94.3	전 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60 60 60 60 60 60 60 60 60 60 60 60 60 6	्र. १० १०	0 4 6 W	0 4 6 10 6 10 70 10 70
71 71 0081 0081		• • 4	36.3 78.7	3°25	7. 46 97.0	7.4 . 7.	94.7	04.7 57.0	C# 0	94.7	94.7	• •	4.0		94.7	
200 AIAI		7 3	0.70			7.	97.1					اجن ۱۰۰	e a			C 60
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۲۱۷۱ گ څ		. v	7 - 7 - 7	 		で (A) (2) (3) (3) (3) (4)	7.6.7	0.00	\$ 0 K	7000	•	> '>	0		•	7 0
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CEILING VERSUS VISIBILITY

PERCENTAGE FRI (FROM HO

OCCURRENCE	ATIONS)
REQUENCY OF	URLY OBSERV ,

NOURS (L S T)

CEILING					 		VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	VI 6	۸I	S) Al	→	es Al	≥ 2%	~ Al	۷ کا کا	V1 7/2		* Al	∦ Al	χ. Al	≥ 5/16	X XI	0 A1
NO CEILING			7		C 6	∵ ^ • • •	2 9 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1.7 P	3 6 3 3	7.1.6	S 1 3	€ 1 • U	1.1.00	5. 1 5	2 * ¥ 9 7	71.
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1400		307-		W W		10 H	6 7	10 F	5 0 4 5 0 4	57.3	50 K	67.3	N; M	6- 40 00 0		67.5
VI VI 000 000 000 000 000		200	71.0	27.00	71.7	71.0	71.0	71.	71.5	73.0	71.0	71.0	71.0	71.5	71.0	71.5
71 VI 7000 7000		5) 3	7 T	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
90 95 AI AI			() () () () () () () () () ()	76.5	76.07	76.	76.7	75.0 78.3	75.07	76.5 76.5	76.00	76.3	76.3	76 • 37 76 • 3	76.3	70.7
VI VI 85 6		3.5 V	77.7	77.00	77.07	77.	7.977	C. T. 7	77.2	77.07	73.7	77.0	77.0	77.0	77.5	77.5
71 A1			13 A	0 P	5 S S S S S S S S S S S S S S S S S S S	2	03.0	10 0 d	91.7	83.07	37.7	83.0	31.7	83.5 91.7	5 \$ 5 0 1 • 7	23.7
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			La Contraction	5 · · · · · · · · · · · · · · · · · · ·	\$ 00 to	5.5	95°3	15.3 78.5	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	95.3	58.3	10 S S S	95.3	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	95.3	6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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VI VI		2 7	3	58.7	. • 5 € • 5 €	C 0	60°	0.000	ሎ ያ፡ ሙ @ ው ው	100.00	1001	100°00°1	0 00000000000000000000000000000000000	000 T	0 • C	00.001
8 8 1 A I A				7.00	000	0,0	** * * * * * * * * * * * * * * * * * *	7.65	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	0 • 0 0 T	100.0	() ()	<u> </u>	00	100	_ C
VI VI 8 o		តា ១១ ១១	·	73.	000	6.3	10 PM	.0.7	50.7			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		000°0	100.00	103.0

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SIBILITY	7) GL 41	BORTH		MOURS (L S T)
2	ļ		,	

CEILING							N S S	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	5 41	٥ ٨١	S) Al	VI	AI	18 2%	7 Al	۷۱ ۶۲	YI %1	Ā	¾ Al	∦ Al	N N	≥ 5/16	۸I	O Al
NO CEILING		•	10 to	0.5	0 1	6 · ·	2.00	10.7		F. 7.4	26.2	76.7	20.07	Pr Mi	76.3	65 . 3 76 . 3
VI VI 00081 0000			7.5				74.7	7: . 7	70.7	7007	7607	75.7	7.07	18.00	78.7	5. F. F. F. F. F. F. F. F. F. F. F. F. F.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		5 p	*** ×		7007	76.7	7.0.7		7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1~ P.	75.07	- P-	7	75.7	76.7	76.7
00001 VI VI			3.1.	0.0		*** (*)	5.3	* • • · · · · · · · · · · · · · · · · ·	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.2.3	10 m	ເ ເ ເ ເ	E	50 63 63 63 63 63	50 0 60 0 60 0 60 0	100 Feb
VI VI 7000 7000		*** *** *** ***	6 4 4 7 5 5 6 5	१०० ४ ३००४	2 * 9 3 2 * 9 3	5 • 3 16 • 7	5 € ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	7.0.7	1 • 1 E	88.7 57.0	C • 4 8	60.7	56.7	26.7 67.0	85.7 s	E > . ?
0009 AI AI		(*) • • • • • •	6 • 4 G	5 - 1 3 S	55 . C	7.7	7 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	# ¥ € € € € € € € € € € € € € € € € € €	≥ * 3 € • • • 5	5 • C ÷	£*20 £*28	57.3	5 - 2 - 3	5.67	£ • € 3	5 2 4 4
VI VI 4500 4000		• •	96.	77 € € 67 87 68 87	8. • 3	. 9 • °	89.0	19.5	5.5 9.0 _{8.7}	89.00 90.7	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50.0 20.1	0.000	7.00 P	96.0 90.7	5 PC
3200		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	8 7	12 × 7	2 * 7 6	7.5	5.20	2 · 2 .	2 • • € 2 • € ÷	1 • 4 6 5 • 3 6	L•65	5 * E e	1 2 3 3	72.3	50°5	10. pc
1		2 TA	7 - 5 0	0 • 8 % 0 • 3 %	2 * 40	7.00 ×	7.00	7.50 J	L*95 L*55	75.7	6 8 8 8 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	7 - 3 - 3 - 7 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	7.00 T	95.7 96.7	7.80	2 - 3 - 3 - 5
VI VI 882 082 1500		• •	\$ * * * * * * * * * * * * * * * * * * *	0 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	55.1	5.7	96.7 77.0	16.7	45.7	96 . 7 97 . 0	7 • 3 ·	4.5	0.4.0	92.7	56.7	55.7
71 VI 1000 1000			7 7 ×	76.07	96.7	37.		6- 63 6- 03		47.7	C (1)	~ 0	\$ 0 h	0.0	P- 0.	07.1
& & AI AI		F- F-	3.00 4 4 6 4 6 4	7 P	(1) (N) (1) (N) (N) (N) (N) (N) (N) (N) (N) (N) (N	2. T. S. S. S. S. S. S. S. S. S. S. S. S. S.	81 Po 0 (P) Un (P)	() () () () () () () () () ()	・ ト ク () () ()	1 K. 3 V. 5 V.	0 0 0 0 0 0			0.00 0.00 0.00	0.00 0.00	ः । • ७ ७
VI VI 800 800			96.7	ू र े	93.6	20 • 37 25 • 5	99.3 00.3	79.7 09.7	1	: } } }		2000 E		100°C	100 100 100 100 100 100 100 100 100 100	
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۷۱۷۱ 8 ۰		· •	हिस्स हा ११७०		• • • • • •	19 PC	50 E	6 0 C	€ € • • • • • • ••	() • () () () () () () () () () () () () ()		0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	다 다 나 다 당 다	0000 0000 10000	0.00	្រាជ ស្រួ ២ ស

TOTAL NUMBER OF OBSERVATIONS

<u>=</u>

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION NAME

CEILING							VIS	SIBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	0 1	۸۱	S) Al	AI	N N	> 2%	2 2	×1 ×	Y 1%	ĀI	≱ Al	AF N	VI S	> 5/16	.≯ Al	٨١
NO CEILING		100 p	5.	6.57	GO C	7. 10.	ହ : ଓଟ ଫିୟ	6	5.0	5 77	\$ 0.00 \$	6 33 8 59	6.4.9	\$ 00 P	0.00 cm	() () () () () () ()
91 V1 00081 00081		Maria Anni		3 T	6 C	0 4	0 0 1 0 2 0	6		5 0 .3 0 w n	0 0 C 0 7 4	6°03	90	6 ° 0 %	5 4 5 8	0 0
17 17 17 17 17 17 17 17 17 17 17 17 17 1		, ,	, , , , , , , , , , , , , , , , , , ,	9 ° ° 6	1	\$ 0 . \$	हातं. • © 8 1. • €	() ()	क द		0 - 1 s	2.0	6.70	93.9	0 • C 3	0 . 0, r 1, c
9000 0000 0000				1.0		an air	χ. ₩) Ο ε ω ν.	Maria Grafi	ET U	77 F	N. M.	0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	P N S S S S S S S S S S	#1 A	F 6 5 5	6. S 6. S 6. G
VI VI 0007 0007				7				* 7	5 C	2 c c c c c c c c c c c c c c c c c c c	8.3 e.8 8.7 e.8	4 (1) - 2		2 6	000	
00 00		•	10 6 6 00 c	9.4	1 1 10 2 10 3 10 3 10 3	6) • • • • • •		(1) (1) (1) (1) (1) (1)			7 ° 4 ° 5 ° 5 ° 5 ° 5 ° 5 ° 5 ° 5 ° 5 ° 5	M € 1 1 2 7		39.3	7 E	* C
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J		- 1		2.0	71.	64 V	0 T S	40 Pa		10	61.5 95.7	22.2	F	1	o o o o o o o o o o o o o o	1.
		25 1.		No. 1	1	3.0	34.5 50.3	3 2		ा । अ.स. इ.स.	4 • • • • • • • • • • • • • • • • • • •	60 to 60	5 to 10 to 1	76.3	(F) (1)	3 9 3
VI VI 085 085				0 m		Ǖ3	5.00 t		5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		2		7 U	10 mm	5 P	
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8 8 M M		. , .			V 12		60			· 1/		• • •				
8°				3		; >	0			,	•		•	2 (1)		

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TO CONTRACTOR

CEITING							ISIA	VISIBILITY (STATUTE MILES)	ATUTE MIL	§ .						
(FEET)	۵ ا	٨١	S) Al	Al	M Al	N2 Y	~ Al	۷۱ ۶۲	¥1 VI	- AI	* A1	* AI	Z IA	≥ 5/16	N N	٨١
NO CEILING		• •	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	13 F		P= Q • • - (1) P · - (1) P ·	2. V	2) () 1 \	F (2)	7 5 2 7	59.3	2.90	7, G	61 0 9 0 6 0 6 0	34.4	5.5
VI V 00081 V				() () () () () () () () () ()	67.7	67.	•	€; °			2	7.00	C	. ;	71.1	71.
1 14000					\$ 7 e.S			7	J L .	7		3 -	7	:	¥ 8 € 7 ±	7.1.
12000		1		1	12 0	0	70 C S	70	4 7	11.	17-	4		1000	72.3	, ,
000 000 000 000			្ធ () - [-] -]	5		• •	() () () () () ()	7 P	7 3	7	7 4 4 7	74.7	2 C	75.	75.1	15 e 2
V IV		ug '	7.7.	7.00	5- K	1- 0 -D -C -C	16.2	€ F	1 2 4 C C	₩ ; ₩ ; ₩ ; ₩ ; ₩ ; ₩ ; ₩ ; ₩ ; ₩ ; ₩ ;	~ ~	300	73.0	40.	73.53	7.2
1		,	4	1-			77.0	7.7.7	77.	7:37	70.1		70.5	• •	7.67	70
- 1		-		***		200	7.07	•	, ,	79.62	300	3 X	0	-		
VI VI 84 6		7	~ r	3 · ·	75.07	r.	- d	C 07	• •		. है • • • इं	3 "				
> 3500			7.1.	73.1	7.	3	0.3	<i>f</i> .		1·2 £	3 6 4	₹ * (d)	7 - 7	3 Mi 31	6.43	4
í		÷	7.0	5.0	SE . 1	0 8	96	6.5		27.5	6.7.9	\$ C	£	33	3 60	. 3 . f
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N N		• •	0 (2)	2 to	** SC	? ~ ? □	() () () () () () () () () ()	7 4). • •		7 P		0 4 4	7 tr	3.46	2.00	, d
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78		ü		83.9	± ° € €	2.5	74.7	6.00	β.\ • • • •	\$. 3 ·	P. C. S.	6.35	F. 0. 10	•	97.6	1.26
į			50.6		75. T	1.5	3 4 6	70 50	2006	200	97.2	97.	5.7.6	07.7	97.0	0
8			-	37.2	6.36	m e1		· //	6	2103	44.7	27.3		2.00	R . R.V.	10 m
		-	7		٠ • •	7 • 7	Sen:	6 50	79.07	37.4	57.2	97.9	P	4 3	व व व ह	08.
88		•		• • • • • • • • • • • • • • • • • • •	100 m	₩i	5.5.1	36.0	₩1. •	f= F- 9	a:	2.5	S • 5 5	3.65	6.86	
				~		7.0	7	?	-	را ا ا	7	70	6	53.	2005	
89		•		(F)	m-1 .	17	1 3	C C		6.0	0	-	· ·	29.1	3 · O /	
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CEILING VERSUS VISIBILITY

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			i	PERCE (PERCENTAGE FREQUENCY OF OCCURE (FROM HOURLY OBSERVATIONS)	FREG	UENC	FREQUENCY OF OCCURRENCE	OCCUF TIONS	RENCI	14.1			•	MOURS (1 S	1 8 4 1
CEILING							SI.V	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	2	۸I	\$ 41	۸I	es Al	≥ 2%	Y 2	%! A	VI 7.	- AI	* IA	* 1	Z N	≥ 5/16	Z Al	O AI
NO CEILING		10 m	ام الله الله الله الله	5 . S. S.	12 J	0 e	61.	40 E	£ € 50 € 50 £	7. 4. 4. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	5 - 47	10 a	94.6	5.4 • 33	54.5	6 th - P
VI VI 00081 00081		7 E	0.0	F . 2 . 2 . 3	71.	7.17	27	7.5	C 0 2 2	74.5	7:03	•	77.1	77.1	77.	77-1
IV IV 14000			63. A	59.7 75.7	71.5	71.5	73.9	74 . 27 75 . 55	74.5	76.5	76.9	76.9	77.1	77.1	77.1	77.1
V V V		50.	67.1	74.5	76.5	76.8	79.4	70.7	70.7	€1.9 ×2.6	50.65 53.2	32.6	12.9	£2.9	32.9	05 € 0 € 0 €
VI VI 000 7000		3 .	71.0	T. 87	3 T E	1	ម ខ សម	20 e 3	र डि ड	87.1	5 4 . 1 5 0 . 5	ر ان ان ان	# 43 8	#•63 #•82	7°58	3 • 6 8 3
0005 A1 A1		: : : :	71.5	7.4.7	@ 10 @ 10	es e	ភេទ ហ ភ ស ភ	10° 21° 22° 22° 22° 22° 22° 22° 22° 22° 22	00 € 07 H 0 €	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	ි () යුදු සුදු	बा जा था । ।	4 4 5 0 0	8 3 0 0 0 0	0 0 0 0
VI VI 600 600 700			71.07	\$	81.3	60 C	記 分 に, 22 は, 23	3 6	0.00	(C) (C)	C 7	: e	0 0	3 6	20 0 K	3 F
3300				20 m	C 20	S	37.1	7	T -	V	9.07	5.7.	् ५	71.6	91.6	
1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×		• •	3.0	\$ 000 C	. ? ភ្នំ ជៈ ១	10 to	0 C	2 F	3 F		0.50 0.50 0.50	0.25	U ()	0 0 K	93.6	5 0 12 0 15 0
VI VI		•	0.07	-3 67 #0 # 94 -3	3 Q 6 Q 6 C	0 1	3 to	***		14 C	W H	10 m	0 G	0 0 0 0 0 0 0	0.00	000
VIVI 88			77.1	हरू ज हरू हर्	74 C	T. 8.	10 E	\$. F	1. 2.1 1. 2.1		0.0	2 0 2 0	34.1	16.1	0.6.1	00.10
8 8 AI AI		1 : :	77.4	3 g	0.0		92.0	4 4 10 8 10 8	A 1	000	3 · 0 · 0	44.2	3.7.1	7 6 7	97.1	67.1
VI VI 8 8			~ ~	101 W	83.7	2.3	10 8 8 U	J. u.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.6.5	7.7.	57.7	# 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1	7 7 7	28.1	79 # 10 0
8 4 8 4			7 1	មា នា ៤ និ ៤ ៤	P P O O FO 70	ن • •	7 0 0 0 C	0 € 3 ₹ 1	¥ * 7	7 9 9 6	97.7	97.7	900 B	1.03°	99.1	() () () () () () () () () ()
14 IA		9 . 9 . 9 .	75.1	\$ • \$ € \$ • \$ €	0 • : 6 0 • : 6	7.0°7	74.2	5.2		7 . T .	30.00	\$ 0 0 C	7 . c .	98.7 03.0	98.7	0.80
VI VI 8 o		23 6.1	7 . 1	3 • 3 ·	0 ° 0 6	10.7 0.7	94.00 34.00	55.2 35.2	ि • € 0 • €	7.7.7	7 . 45	95.7	03.0	99.	7.00	1.00.1

CEILING VERSUS VISIBILITY

50-17 FEET 0- 71-00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MANON PARTY AND

										١						
CEILING								(3)	VISIBILIT (SIATOIS MILES)							
(FEET)	VI 5	⊙ Al	S AI	4	M Al	17 2%	N Al	٧١ چ	71 1	ĀI	* Al	* Al	Z Al	N 5/16	Z Al	O Al
NO CEILING			17 7	7 G	4 7	7:3 F	© 6 4 d 4 d	27 · 4	57.4	80.3	51.3	51.57	3.63	62 ° 74	63.9	6 # 0 5 7 € 0 €
00081 71 7		•	, ,	•	0 0		64 C	67.7	67.7	•	7.0	72.3	74.2	24.65	4.00	70.0
1 400			1 7	4 %	3 6	0.50	4 .	4 -	• •	7.07	71.0	20.3	a	4 ·	٠ -	75.3
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				N T P P P P P P P P P P		10 to	45.5	15.27 75.27	77.	76.1	77.0	77.7	79.7	2 C C	6.16.0	300
VI VI 2000			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	•		10 X	7.3	• •	76.1	79.57	(P = 87) (C) == (S) (D)	7 G	€ 80 10 %	8 . W	3 th	© - • • • • • • • • •
		4		\$ 1.00 \$	4) I-	60.07	7. 7.	76.8	7.7	10 0 K	81.8 81.8	21.6 01.9	0		ຕ ເຄີຍ ເຄືອ	0 0 0 0 0 0 0 0
			2 3	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	57.00	500	74.0	77.7	77.5	0 8	61.6 82.6	5.03	3 • 8 €	€0 47 20 00 20 00	55.1 26.8	200r
3000		10 10 10 10	4 10	\$ 50	67.7	70.7	75.2	78.3	78.1	2•78 2•18	9°£0 6°€0	93.2 54.2	 	88.88 86.88	20 00 00 00 00 00 00 00 00 00 00 00 00 0	07.7 08.4
14 14 2000 14 14		7 5	•	प्ट ाव	70.07	72.3	77.7	01.0 01.0	(C) (C) (A) (A) (A) (A)	2 · 4 · 5	ଞ ୍ ଞ୍ଚନ୍ ଓ•ଜୁନ	86.1 25.1	3 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	38.7	911.00	7:07
VI VI 800 800 800				10 and 10	76.3	72.3	77.7	31 · C	(0 	10 0 m	a ପ ଜନ୍ମ ଜନ୍ମ	85.1	ක•රෙහි ක•රෙහි	88.7 89.7	50.3	9010
VI VI 1900		45.4		4: 42	71.6	73 s S 74 s S	79.7 80.7	0 0 72 88	6	86.1 87.1	L. 53.	្ន ១១ខ ខេត្ត	\$1.03 91.83	91.6	71.9	92.6 93.6
8 8		1	5.7.2	ा • ऽ२ १•इ४	3.27	7 to 5	31 • E	5.00 mg.	C 4 2	07.4 26.7	2 P	3 P	01.6	93.2	93.2	93.9
8 8		46.1	0°65 0°65	# € 5 9	73.9	75.3	32.3	ស្តេច ស្តេច ស្តេច	ย 3 ย ย ย ย	80°C	99	97.7	93.2	63.2 53.6	5 4 8 G	C. 4 U. 6 U. 6
VI VI 88		1 - 3 - 5 1 - 3 - 5 1 - 5 - 5	म । ८६ ८ • ८९	L • 84	74.3	76.1	82.8	25 B	35.5		91.0	91.3	23.5		95.5	5.00
8 8 AI AI		10 - 1 1 - 1 2 - 3	50.4	0.50 0.70	74.8	76.8	33.9	7-4	57.1 27.4	9 3	91.00 42.3	92.3	3 7	34 . 6 95 . 2	36.5 36.5	97.1
80		4 G 2	60.00	69.7	75.5	77 • 11	. इ.स. इ. १.स. इ.	7.7	57.7	91.	92.6 22.0	92.3	2 년 2 년 2 년 3 년 3 년 3 년 3 년 3 년 5 년 5 년 5 년 5 년 5 년 5 년 5 년 5 년 5 년 5	က (g (g) (g) (g) (g) (g) (g)	98.4	9.8°

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 7 8 1 1 HOURS (L S T)

CEILING						i	VISI V	VISIBILITY (STATUTE MILES)	LTUTE MILI	(5)		ļ			i	
(FEET)	۸۱ 2	۸۱	N AI	AI	es Al	12 22	2 4	71	¥1	ĀI	*	*	Z Al	≥ 5/16	N N	0 41
NO CEILING) ; ;	3 4 5 7	35 d	C * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1: 4 15: 3	6. 4 6. 5 7. 4	3 4 3 6 3 6	7 t t 7	47.5	50.00 Ans.s	51.1	P = 5.1	5301	53.7	54.8
VI VI 00081 VI 00081			i	Ø 0	P P	2 G	51.1		15 a	57.5	3 0 0 5 3 0 0 5 3 0 0 5	61.6	3 € € ÷	63.4	# # # 9 # # # 9	14 m 16 m 16 m 16 m 16 m 16 m 16 m 16 m 16
V 1 V 1 2000				7.2 V	1		\(\frac{\pi}{2}\)	# 67 # 10 17 7	m 10	** । • । • । • । • ।	V. 0	61.8	1 2 3 4 2 5 5 5	63.8	64.7 67.5	9 60 00 00 00 00 00
900 AI AI		3.	73 (7)	5 - 5 4 2 - 5 4	51.1	2.5	3 8 8 8 5 8 8 8	60 c	1 5 1 5 1 5 1 5	5 - 39 66 - 3	3 6 9 3 1 9 8 6 3	7:02	71 - 5 71 - 6	72.5	73.1	73.8
VI VI 900 000		• 1	# 0 # 1	X 0 3 4	स ् स्ट	5.7	6.1.0 5.00 5.00 5.00 5.00 5.00 5.00 5.00	3 3	3 C	69.9	72.8	72.5	75.01	75.7	76.7	77.4
900 300 A1 A1			क <i>ा</i> किंद्र	0 th	क । अ. १९ ११ छ।	2 .0 10 .0	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	F * 13 U	65.01	73.8	73.5	74.4	75.7	76.4	77.4	78.0
VI VI 0004 0004			L	5 A 2 E	10 m 10 m 10 m	• •	3 P S	.6.3 £7.	66. A	71.5	79.97	75.7	77.6	77.7	78.6	79 S
3000		., -	1	~3 g	10 to 10 to	3		1. B	10 0 G	73.07	76.77	77.7	79.0	79.65 86.9	80.6 61.9	2.1 • 3 € 7.5 € 7.5
1 A 1 A		J	j	क क क क	1 00 1 00 10 00	9 F	67.0	71.5	71.3	75.1	75.0	70.0	6 2 € 8	31.2	50 S	5 5 5 8 B S • 1
VI VI 88 82		20 F	ì	7 a	ι. ε. •ε •υ	£2.5	6.4	71.8	72.7	77.7	8 .6 63.2	81.5 E4.1	₩	43.1 26.4	8. 3. 0. 7. 3.	m e:
VIVI 85 86				1, 2.4	0 0 0 0 0 0 0 0 0	7	71.5	4 C	4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 . 4 .	5 S	63.2 84.1	30.1	5 5 2 7	36.4	3.4 . 8.8	() () () () () ()
8 8 Ai Ai		* *	7 3	4 . 1	6 % e v	5.00	73.5	15.1	7 5 0 to 1	€ 40 6 40 6 40	1 8 8 1 8 8 8 1	£ 5.0 1	F . C .	ब । ଫ ଫ ଫ ଫ	39.3	97.0
VI VI 8 8		7 7	3 * 2 to	# C	6 a e J	1.6.7	74.3	77.4	17.7	83.5 34.5	67.7	5.7.4 88.7	000 000 000 000 000 000 000 000 000 00	3.78	92.0	91.0
8 \$ 8 \$		3 · · · · · · · · · · · · · · · · · · ·	47.4 47.6	Ω• c ;	8 3 8 5 8 5	(7.3	76.7	70.07	2.67	ි ක් ධෙ ල ආ ල	8 9 9 3	3.9° S	93.6	95.6	1.30.5 19.40.5	94.7
8 8 8 2 8 1 A 1		2 0 3 0	13 7 ° C,	0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 °	65. 6.	17.3	77.4	\$ 0.00 0.00	5 7 6 C	37.0	3 . 6	20.9 91.5	9.7 . 5	34 .5 95 .2	95.5	\$6.1 97.4
VI VI 8 e			3 - 1 +	5.5 ± 0.7	650 40	57°3	77.4	\$ 0 C .	6	37.6	D 0	91.9	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35 ° 5	97.5	0 0 0 U

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

O Al 66 63.6 69.7 71.5 Αl 63.6 5.5 Y 5/16 4.66 0.16 S ΑI 73.9 6 . 16 æ NI . . 3 · · · · 63.60 ۸t ひった 60.7 71.6 ٦ Al VISIBILITY (STATUTE MILES) 7025 23.0 . . ۷۱ ۲ # · · · · · 65.3 300 0.60 VI Z 97.4 (5) P 10.67 91.7 ۸i 16.63 71.3 3· • • · · · 70 63 63 1 3 e E 70.7 1 . 80 % 1 73.67 31.3 O Al 71.6 3.6 4.69 • • ΛI 7: 0 to 5: • . ۸I 0 ب. ن. . ۸I 2 NO CEILING CEILING (FEET) VI VI 5005 0005 200 1200 10 IA VI VI 8 8 8 8 2 00 0 00 0 00 0 00 8 8 8 8 \$ \$ \$ \$ \$ \$ \$ \$ \$ 3000 2500 2000 2000 1 800 0 00 0 00 0 00 88 88 8 ° 88 88 88

AI AI

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							SIV.	VISIBILITY (STATUTE MILES)	ATUTE MIL	£5)						
(FEET)	9 Al	۸۱	S) Al	A 1	N AI	18 2%	~ Al	W 1%	VI 32	Ā	# Al	# Al	Z AI	8 /s Y	Z Al	AI
NO CEILING		7	(v	0 € € €	0 0 0 m	29.0	3 4 6 6 6 6	ណា ជ ១ + • ប	5 . C	39.0	17 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	39.0	0.00 € 5.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00	4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0.00	2.0
00081 Y			• •	51.0 51.6	22 R	3 4 5 0	2.1°	0.0	40 d	F 1 0	10 A	10 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-	51.6	51.5	51.5
Y 1 Y 1 1 2 0 0 0		7 Y Y	.5 PM •• ^• •∩ •∩	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	€ 6 6 6 6 8	300	S €	⊕ # # () # ()	6.13 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	5.1°6	51.6	∤∴ ⊹	31.0	5 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	51.6	51.6
≥ 10000 ≥ 9000		कि प (E) (A)	៩៩ ១៩	ទ ។ ម ដ	្ ។ ១១១ ១១១	्र स क क	ម ម ម ម ម	ត ៩ ៩ ៩	0 0 20	1 T	70 30 27 47 10 10	•	• •	25 A	3 3 3 3	3 3 10 5
VI VI 0007		े के के		57.1	57.3	57 . 1	57.1	1 0 0 G	5.7 ° 3.	ក ន > ជ ស ហ		• •	5.7 a.1	7 6	1 0 K	57.1
0006 A1 A1		4 9 9 E	8 0 0 1 1 1	56.7 0.00	60 0 60 0 60 60	•		• 1	F 6	သင	• •	5 0 C	50 m	A 0 0 7	58.7	8.8
VI VI 0004 000		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	50.0 61.3	61.0	50.9 61.6	59.4	5 C . 4	3 6 G	38 e ts	55.4	4 4 6 9	59.4	30 00 00	2.0	59.4	4000
Y 3500		7°3'	8 5 6	\$0.08	- C 20 20 20 20 20 20 20 20 20 20 20 20 20	6.3	66.1 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	100	0 :: 0 :: 0 :: 0 ::	5.00 K	6 6 6 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	66.1	7 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 °	66.1	66.1	66.1
17 17 2500 17 17 2000		 	0 4 0 0	4 0 00	# C 6 C 5 C	# 0 80 N U	80 0 80 0 10 0	5.00°	20 G 20 G	3 C	3 U	3 0 6 0	E 0	300	\$ C	2000
71 Y 1800 1500			1 1	93.2		•	20 00	• •	200	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0000	• •		93.2	- ·	93.2
VIVI 1000		.9.7	95.5	36.5	96.5	5.45	94.5	36.5	9000	000	97.6	96.4	000	96.8		96.0
8 8 Al Al			0 C	07.44	95.01	7.7.	77.7	0 50	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9.3.1	0 00 0	1000	200	1.00	96.1
VI VI 8 8		1.0	0 € 9 € 0 € 9 €	97.70	~ 3	2000	# P	6 0 0 0	100 C	30.00	3 F	2000	8 0 0 0 0 0 0			
8 8 4 Ai Ai		• •		97.7	4 - 40 92 - 4	18 . T	28.7	7.90	6.0	3 3	1.00	000	0000	0.00	10001	
8 8 AI AI		• •	¥5.€ 9.5.€	97.7 07.7	30 ° 00 6	0000	95.7	0.00	5 6 6 7	4.00	1. 0 0 0 0 0 0	99.7	000	0.00	100 100 100	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
80			10 S	97.7	35.04	78.7 58.7	1.86	0.65	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# # 0 0 0 0 0 0	1.06	1 66	6 6 4 0 2 1	U 0	c n	00 00 00 00 00 00 00 00 00 00 00 00 00

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 -5 HOURS (L S T)

74.24 BORTH

SWI ST							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE] SS						
(FEET)	2	٨١	80 Al	AI AI	es Al	N 2 %	7 Al	71	VI 7.	- AI	≱ Al	∦ Ai	Z Al	≥ 5/16	≯ Al	O Al
NO CEILING			F 0	F 3 5 5	F ()	ញ្ញា ហា ក	3 % 2	1.00 S	10 m	70 J	50 C	330.7	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5. 50 50 5. 50 5.	55.2	18.7
00081 Z		* * * * * * * * * * * * * * * * * * * *	4.4	30°09		5.6	3		نه ند	: * 9 \$	50.5	9	• 9	4		56.5
00091 AI			. 4	20.05	5	٠	9	100	٦,	•	٠,	56.5		9	5	יי יי צר
VI VI 12000		• •	ම ඩ ගි	# "! 	10 CA	5 0	æ ℃ €	4 0	# (0 0 0	3 (1 0,0)	# € • •	4 C	# 50 - C - C	2 C C C	59.0	57.04
0000 AI A				6.00	000	0 ° %	£ % 3	0 0 M 2	•	M) 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	53.5	5	63.0	6.1.9	6 5 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
		-	4 .	7	•	• •	• •		6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6	•			4.	9	9	2
- 1				٠		415	7 2 2	10 C	67.67	67.2	6701	197.4	70,3	67.5	67.1	4 2 4
8 0 8 0 NI AI		• •) # (0 m	2 A	• •	• •	, (j.		• •		٠	_	. 6		
1 4300		 	7	•	71.		71.3	*1.3	•				72.3	71.2	71.3	7102
ļ			7	7	400	7	700	16.	76.1	16.0	77 7	75.	7° %	100	16.1	7501
8 00 60 00 61 01		, त • • • • • •	3 4	; •=•		7 • 7	7.	7.	57.1	37.1	7		7 4			37.1
71	 	•	7.0	6.1	2.035	6.2.3		•	r.	*	67 1	•	• •	#1 t	5.30	
- 1		• 1		200	3	S 4	9 A	5 2	ं हैं ज ज ज ज	3 15 3	2 5 6 5 5	2000	7	0.00	200	2 0 0
3 S		; (f)	, Q	• • 1 u i	Ş		, v)		5		, .	, ,	-		· ~	
VI V		د دی	0.00	10 A	36.6	9.9%	(C)	20 17 20 17	5 C C C C C C C C C C C C C C C C C C C	# · · · · · · · · · · · · · · · · · · ·	3 "	4 5	# C	3000	9 4 6	7.00
!		n)	7 8 6			-					ů.		•	6		
i			3 40.		7	199	α:	, e ;			0			2.00.7	0 0	
VI VI 8 8		in in	7 C	न्य न्य ा का का का	٠ ر ٥ ر ٥ ر	9 % 9 %	3 3 0 C C		(F)	99.7	97.4 1:0.0	0.00	17.0	1:00:1	100.00	0.65
8		•	3.00		-1 ()	. G • 1	•	0.64	•	2005	ĵ.		•	្មា ប្រ	p	
		•	3 2 6	30		199	ر ا	•		35.7			4		١,	C∤ F
8 8 AI AI		₹ 1; V 2:	ς ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο			et e	3 3 2 0 2 0	• 5 5 C	• • • •	7.00	1000 1000			1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	153.8 100.n	100°5
8			34.2	1.6.	•	₹ • \$\cdot \cdot 30	. 60	7.	1.000	J. J.	100001	⊉•⊍ា	3 • DO 1	3000	300°	
ı		•	11.0	نعد		7 - 2	3	3		1	<u> </u>				בייו	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							Š	VISIBILITY (STATUTE MILES)	ATUTE MIL	(S)						
(FEET)	V)	AI	S)	AI AI	21	% %	~ Al	VI Z	¥ 1	Ā	N IA	₽	\$ Al	Y 5/16	Z AI	0 Al
NO CEILING		\$.	3 A	\$ C	. 0 (1.00	() m	\$1 TO	- ¥	(• ; ·	0 0 0 0 0 0	C		: 9 : 9 : 0	C • 0 3	0 ° 0 %
VI VI 18000 16000		~	3 1	6	6 7 . 1	3 0 %	2 2 4 5	# # ** * * *	2 6 7 3	30 7 7 2	6.7.0 B	67.4	7.8	4.7.4	4.73 67.04	44
12000		1.	Í	\$ 00 cc		1 .	2 6 6 G	7	2.7 ° £ 7	3 L 0 2 0 S	67.4	67.4	7.4	C.Y. 4	67.4 59.4	4.6
900 A1 A1		3 3	1	72.0	7.	73.0	73.0	7.5.5	7 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	75.67	73.5	73.5	73.6	73.6	73°F 73°F	73.6
000 000 000 000 000 000 000 000 000 00				1	7	5.6.52	7 7 0 4	49.4	7 / 0 0	りったと	2007	75.4	13 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	79.4	70.4	70.4
0005 A1 A1			7 • 1		10 m	7	F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A 0	2 - 1 ·	6 1 0 Z	P(• 0)	10.17	103	1.7	9 2 3	17 V
VI VI 0004			1	10 S	6 m	5.2 of 1	0. 1. 6. 0.	0 -	0 e4	υ - ο - ο - ο		7; an	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	S & C & C	8.5.3	() and
3000 1 A I A		7 T	3 7	1.63	ν (π ()	3 € 5 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	90	63.7 91.7	59.7	58.7 71.0	88.7 71.0	, 2.7 31.0	5.8.7 5.1.0	3 % S S S S S S S S S S S S S S S S S S	58.7
17 17 200 200 200			1	3.6	€ • # • #	C. 8. C.	77 W	5.5		20 5 6 20 6 6	2.56	2°55	C	3.50	5.20	5 0 0 0 0 0 0 0 0
VI VI 0081 0081			[5 • 6 c	5.	95°5°5°5°5°5°5°5°5°5°5°5°5°5°5°5°5°5°5°	5.5.5	7 • C V	0.00 0.00 0.00 0.00	5.5.8 9.6.5	3.5.6	17 E3	75.5 P	0 • 95 9 5	\$75 PM
VI VI 000 1000		1.	7 7	श्चित्र 8 च्या	36.29	. 6	P - 3 5	1.	97.7 98.7	7.7.4 7.44	5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	7°5°5 7°8°1	7.70	97.7 98.7	58.7	53.7
8 8 AIAI		1.0	7 6 c	ap a) 	76 . P	97.7 (80)	36.85	23.	60.7 99.0	98.07 58.05	5 6 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 1000 1000 1000 1000 1000 1000 100	. ()	1000 1000 1000 1000 1000 1000 1000 100	7.88 9.99	98.7
8 8 8 8			~	X•0°	96 • 8 07 • 1	63 5.	98.7	, d , d , d	#•66 .•56	93.00 99.4	- * * * * * * * * * * * * * * * * * * *	4.66	C # # 5 5	1.66	7 0 6 5	59°U
8 8		1.0	9100	96 • 1	97.1	4.80 9.80	C • 6 3	3°60	7 5 . u	**68 **30	70.7 70.7	1.66	C	1 00 ° 0 1	3 • 60 • 1 • 60 •	100 u
8 8 AI AI		1 .	91.6	96.1	97.1	ख वा • • 	न्द्र हो। • • • • • • • • •	7 ° 0 ° C	3°C	オ・ケー	7.00	5.9.7	100°00	100.03	300°3	0.00
80			\$ 0 0 0 \$ 0 0 0 \$ 0 0 0	25 • 1 25 • 1	F 17	ម ៩ ១ ១ ១ ១ ១ ១	900	3 ° 6 ;	ます ・ ひり いり	95°4	79.7	7.50 7.50	100.0 101.0	100 c	100.001	100.0

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							NIS.	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2 Al	۸۱	SO Al	۸I	e Al	1 2%	۲ م	Y1 75	%1 AI	- AI	* Al	∦ Al	% Al	≥ 5/16	% Al	٨١
NO CEILING		•	5 C	# C	7.0.7	*	50.4	30.2	1 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	59.7	000	1.92	7.3.7	54.7	7.92	1 8 a 3 4 7 4 8 4 8 4 8 4 8 4 8 4 8 4 8 8 8 8 8
VI VI 00061 00061		13 ~	7.10		76.1	1007	10 ° 0	• •	• •	• •	76.5		74.8	• •	ت ت ا	
1,1400		~	73.6	75.	7007	40 A	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
000 1 A1 A1			7 7	61 20 20 40 32 10	ত । ক ক ত ে	• •	69 23 # 10 to #2	6 8 G	14 (¥ 12 (₹ 12 (₹	ម ១១ ១១	မေး () မေး () ပေး (မေ	ម ម ម ម ម ម	មា (ស ម (ស (ស (ស	ស ខា មា ស មា ស	8. S. S. S. S. S. S. S. S. S. S. S. S. S.	20 G
VI VI 2000 2000			2 8 5 8 9 5 8	1 . 7	र के • • • • • • • • • • • • • • • • • • •	3 3 ° °	0.60 0.00	3.7 s. ts.	55.04 0.03.3	38.4 90.9	# € 0 € 3 €	១១១៩ ទីពិទ	\$ 9 0 4 GPT 8 X	4 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·	35.4 90.8	3 60 60 0 80 0
VI VI		200	\$ 50 \$ 60 \$ 00	1000	30.08	20 0 °	Ç•€	£ • 50	0.0 0.03.7	\$ 0 0 0 7 0 0 0 7	20° 3	00° €	50 P	90°3	000 me 4	1 P
V1 V1 000 000		r. 3	3 W 6 0 6 7		6 ° 6 ° 6		21.	11.3	30 3 C	5 1 2 5 3 2 6 6	92.6	51°3	5103	91.3	91.03	60 € 60 € 60 € 60 €
3300		7 (1)	र * क ह	99.7	91.9 93.5	3.1.5	92.6	3 • No	ካ• ස ፋ ቴ • ሪ ቴ	មិ [®] ទដ មិ [®] ដីជ	3° n 8 8° 2° 5	5 * 8 6 6 * 2 6	ភ្ល ា ភូនិស្ន	42.4	9.26	3.48
N N		• •		C 0 0	20 B C	2 • €	95.2	\$ • \$ ·	28.5 38.1	1•95 59-56	95.5 96.1	96.5	# • 3 € # • 3 €	e5.5	75.5	3 * 0 5 0 5 0
71 VI 00 00 10 00			5 ° • 1	53.4	98.09 98.08	5 • 3 6 • 3	45.5 97.3	76 • 1	55.3 97.4	1 • 01.	56.1	55°1	9.4.5 9.4.6	96.1 97.6	96 • 1 97 • 4	200 B
VI VI 980		3.0.7	K 7	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	97.7 97.7	7 • T ·	3 3 4 C	48.7 78.7	40.4	95.07	\$ 00 th \$ 0.00 t	7 · · · 7	7.8.2	7.000	98.7	5.3.7
& & AI AI		3 7	3 3 . 4	10.00	7.7	77 ° 7	3 C C C C C C C C C C C C C C C C C C C	€ 6 5 6 5	F. a & & & & & & & & & & & & & & & & & &	98.7	98 T	69.3	F	78.7	40.7	
8 % 8 %		7 3	D	00°00°	10 0 to	1000	2 C R	00° 80	U • 6 3 • 6 3	1.66			0 0 6 0 6 0	900	.00	
VI VI 8 8		• •	• •	30.00	σ 0°	- r	95.7	• •	60 C	3 6 6	50 ° 50 ° 50 ° 50 ° 50 ° 50 ° 50 ° 50 °	# 5 h		3 3 0 0 0 C	13 6 C C	7.000
8 8 M M		3 F	0, 0	₫ m 3 0 3	• • • • • • • • • • • • • • • • • • •	~ 3 • • • • • • • • • • • • • • • • • • •	7.07	C # C 9 C 9	L ₩ 0 0 0	90.4 79.7	4.0.	96°4 99°7	# 60 U	3000	3006	• •
۷۱ ۷۱ § ۵		7	0.0	E ()	9 % ° C	ज् न कुल	0 0 0 0 0 0	36.4	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43.47	1007	5.7	000	0.00	109.00 100.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							NISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	N 2	۸I	8 41	4	£ Al	≥ 2%	7	¥۱ ≥	%1 ≤	۱ ح	% N	*	% Al	≥ 5/16	% Al	0 41
NO CEILING		, ,	3 10	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	14 7 g C	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	त कुरु स ति कुरु	10.1 53.6	50.1	510c	51.5	51.7	5.2 - 1	52.2	52.4 56.4	52.6
VI VI 00081 00081		3 0 0 21	5. (s 1 u. 10 u.	7 5 6 9	ः । • •	1	5, 3, 2, 3 6, 3, 2, 3	9 9 8 9	2.50	1.653	65.66	65.3 85.6	5.63	66.3	66.6	66.83 8.83
V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1		•	æ = . १ . ८ ८		4 E	4 4 4 5 6 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6	0 0 10 d 40 d	শ গু কু গু	# \$ \$ \$ \$ \$ \$ \$ \$	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.5.9	5.6	6°49	56.00 68.1	66 · 8	
000 1 AI AI		- ,	20 2	3 . 3 . 3	56.00 000	57.5	30 T.	50.7	69.7	710	71.6	71.5	72.27	72.5		72.P
900 7000			धी ना हा । धी ।	57.0 61.8	70.07	70.07	72.7	72.4	73.6. 74.44	75.07	76.4	75.6	76.01	75.2	76.5	76.7
0009 AI AI			N 10 10 10 10 10 10	63.63	71.3	72.0	73.7	3.47	76.87 75.83	75.3	76.5	75.7	77.5	77.3 78.0	77.6	77.7
VI VI 6004			3 () () () () ()	70.07	# P.	× × × × × × × × × × × × × × × × × × ×	75.6	75.8	78.87 71.7	77.1	77.8	72.9	7 0 0 5 3 0 0 8	78.05 PT.05	4.0 A	79.0
3300		 	7.5	73.5	26.00	70.00	78.7	3 1 0 m	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	12 ET	5 0 0 0 0 0 0 0 0 0 0 0 0	81.7 85.8	(2 f) (10 f)	82.3 26.5	32.6 36.7	1- 0- 0- 0- 0- 0-
17 17 2000			r. s	00 m	6 6 67 1/1 67 42	P 61	द्राज का क क क	36.67	P	20 m	S 3 6 8	38.9 91.5	3 () 0 () 0 ()	9°58	86.38 92.5	0 0 0 0 0 0
VI VI 86.25 86.25			0 (0.00 mm	9.5.0 0.7.0	0 0 0 0 0 0 0 0 0	ଝଞ୍ଜ ବପ•ୁୁ	00.44 01.2	2 • 10 11 • 0 13	92.7	91.6 91.6	91.7	40.2	92.5 94.6	9.2.6 9.4.5	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A1 A1			3 () () ()	26.2		• •				• •	.	# 30 to	• ភ្ន ភ្	61 LT	₩Q.	
i				3 5			ru (u) (<u>.</u> ا		* * * * * * * * * * * * * * * * * * *		က် (၁) (၁) (၁) (၁)	٠ ٠ ١٠		97 . 2	٠ ١٠
i			10 A 1	• •	0 0 0	• •	• •]	• •	- 1 -		7 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			37.6	- 1- 4	7. O- 0
VI VI		7 O	# ## # ## # 21	3	• •	\$ F		•	• •		2 -	· ~			• ο ο ο	• • ;
88 MAIN			9 1 6 C			• •	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	• •		ند ي	2	0 7 0	6 0 8 0	er au	6) (5)	
80					2 //	4 -	7		1 to 1 to 2 to 3 to 3 to 3 to 3 to 3 to 3 to 3	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	97.7	97.0 77.8	() ()	र • ३ १ १	4 · 6 · 5	1 000

TOTAL NUMBER OF OBSERVATIONS

5442

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C C NOUNS (E S T)

CENTING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	£S)						
(FEET)	2	Ø Al	N Al	۸I	m Al	≥ 2%	2 2	41 ≥	×1 ×	1 41	*	*	S Al	≥ 5/16	% Al	O Al
NO CEILING		7 3		10 F		() () () ()	13 m	7.0.7	7.0.7	E 4.3	1.3.7	7.03.7 7.03.7	5 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1.3.7	27.3	5.44 ° 7
VI VI 00081 00081			1	- 1-			K: 50 K	75.7	75.07	76.27	7 7	76.7 75.7	1.4.	77.C	77.3	77.
12000		3 6	F . 7 . 3	ر. لا ا		*1 '1	77.3	7 7	75.07	70.3	76.07	76.7	7.4.7.	77.2	79.3	7705
V1 V1 0000 0000		•	7:	7 7	r, τ ι, τ, π, α	1 () (* [**] () 2	Ni Mi Ni Gi	7.5°	2 € 3 € 3	₹ • ₹ 6	5 3 4 7 5 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	33.7 88.7	2 ° 4 ° 5	2°73	0 4 • 7 7 • 4 5	7 = # 3 7 = # 9
900 7000		. • 4	7:07	7.50	36.07 87.0	2007	သ ဂ ကောင် ကောင်	0.3 a 4	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	90°09	₩ % 0.00 0.00	50 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 °	- 42 - 43 - 5 - 5	7 6 7 6	91.3	71.7
00 00		30 0	77.	1.50	7.79	1.73	89.	30.7	53.7	500 S	54.3	50.7	∴1.03 ∴2.03	91.7	92.3	F
V1V1 000 000 000			10 ft o	8 • 3 €	6 20 6 40 6 40 6 40	1.58	9	3•10 71•3	3 T 6	1.15	23.83	0103	7. 5.3 3.03	72.07	97.5 97.3	17 उट्टा अ. 5
3300		5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7 - 7	55 W	F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0°	91.0	1.3	1.4	2 • 5 S	96.5	94.3	5 8 B C	54.3	54.7	0 % e 34 e 34 e 34 e 34 e 34 e 34 e 34 e
10 10 10 10 10 10		£	7	5.6.7	91.4	10 c	00.4 94.0	7.5.5 7.4.3.2	0 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	. • 3 b	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9 a e 3	5.5.5	3.0 a.		.•Ç 6€
9 95 8 95 8 95			1 1	. •		1.7		• •	• •	5 ° ° 6 6		o • • • • • • • • • • • • • • • • • • •		96.5	٦٠.	95.5
!			e e	3" +45 21 - 14	0.00		3.6		ا الحدة الداكا	0 2 0		7 6 9 5		27°	5.00	
1					3 3			5.7	0 P	97.5			2 10 10		ം ' ം ' ന ഗ	
8 8 8					ए ए ए इ.स. ५ १	C	8 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	76.7	40 V V	97.3	× 7 . 7 . 7	97.7	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 6 C	K 6. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
					96	1 a a		• • •	• • •				5000		,	
VI VI 8 o			* • •	6 9 5	60 60 80 60 80 60	3 H	.7.	77.5	# # * 6 0 €	7007	200	25.0	7.0.	2.60	10000	10 C C 0 C C C C C C C C C C C C C C C C

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HOURS IL S T 1

CEICING							VIŠ.	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2	ΔI	so Al	AI AI	n Al	Y 2%	AI	۷۱ چ	VI 3.	- AI	X IA	≱ Al	S AI	≥ 5/16	AI	٨١
NO CEILING		*	50 E 6 B 5 B 5 B	13 A	50 C 3	7	53.2 72.6	7	© 0 • • • • • • • •	20.50	5.0.3	65.3	ψ .	56.2 77.0	70.3	5 to 6
VI VI 00081 00081		•	<u> </u>	7 g 7 s	6.7°	7	40.7	73.0	5- C	76.07	77.	77.3	77.6	27.6	78.3	70.0
1400			र्ग स्टा इस्टार	0.0	0 3 2 4 3	7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	72.2	30 P	76.57	7.00	77.0	C . K . K	٠ - ۲ ۵ - ۲ ۳ - ۲	1.00 K	い。コト	79.65
VI VI 000° 000°			in in	ಎ ಎ ಎ ಎ	70. A	71.	1 0 10 0 10 0 10 0	7.7.	77	70 C	F ho	α ο ·	0.0	(P) (2)	8 2 • 6 2 • 6	Property of the second
VI VI 2000 7000			•	• •	74.57	57 E-	80.7 30.9	3 • 6 7 2 • 3	3 6 3 3	86. 3 86.	8 ° ° 8 8 € • ₹	85.6 86.33	5 • 3	56.58 87.0	27. 27.6	13 ° 6 ♣ \$ 11 82
00 00 00 05 01 01		S OF	0 N	-2 - -4 -4 -7 -7	4	76.3 76.4	81.8 81.8	12 e 27	रू . इ. इ. इ. इ. इ. इ. इ. इ. इ. इ. इ. इ. इ. इ	36.4.7 8.7.4	85.6 (7.3	9 € € €	2 0 4	2 • L v	3.000 0.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VI VI 964 964				71.5	75.	78.67.	7 (A)	8 EN 8 80 8 7 73	M N.	6 6 5 9 14 '2	8 4 4 8 8 4 4 8	N = N = N	: 5 : 5	കൃഷ കൃഷ	र . १८५	है । • • कि छा
3200		. (- . (-	1000	7.5.27	77.00	3. 7.	£ € € 5 5 € € 5	5.4	ម្រ ១១ ១១	€ \$ 5 \$ 5 5 5	38.60 3.60	93.6 39.3	#) ©.	8 6 9 3	90°0 90°E	,
1 × 1 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 ×			i	3.37	70.00	3.67	5.5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	क्ष• अ इ• अ	3•3a 5•3a	3° 0	्र । • । • । • ।	9•16 9•15	F: 43	3103	F4 (0)	© 1 □
VI VI 882 882		1 2	3 T	1 . 1	70.67	79.0	• •	3.00	5000	01.0	91.6	91. 91.5	3.6		0. 10	
VI VI 52 68 68		• •		70.07	3 9	(C 13	P. P.				数 (D) (M) (M) (D) (G)	0 8 S	, N	ارا ارا ارا ارا ارا ارا	3 3	
8 8 MAI		•		76.8		P.S. sui a. d. and and b. d.		(5)	3 P						.	() Fe
VI VI 8 8		•	8 6. 	7. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ଟ-ଟ କ୍ଟେମ୍ବ ଫେଅ	-	%) %) en (A) A) (#)	3.5.0		10 E 0 7	् स क रु	្ន ំ កស	5.0.5	7. a.e.	· ·	44 44 4 0
VI VI 8 8		•	₹ • 4 9 € • 4 0	7 7	5. 10 10 10 1. 10	-	Fry *3 3: .0 .2: &.	€ 60 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC		5.00 5.00 7.00 7.00	 # #	56. 74.	74.7	7.4.7 7.42	m m の in か in	2 0. 5 41
8 8 1 A 1 A		•	1	77.5	ر م 1 م 1 م	् । १: ०३ १: ०३	် က တ က လ	€	ក ស ១ ស ១ ស	€ 6 0 40 0 40 0 40	6 1 P	が ・ は が が	€ 6	56.3 76.7	57.7	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
80		• •	7 July 20 20 20 20 20 20 20 20 20 20 20 20 20	77.6	3 € • • • • • • • • • •	2 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	80. 80.	ลใช / (ก (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		55.7	76.7	7.95 7.13	98.7	0.00 € 0. 10.00 € 0.

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TOTAL NUMBER OF OBSERVATIONS

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EANMET SMOS

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURE (L S T)

CEILING					İ		ISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	9 AI	4 0	es Al	۸I	R AI	17 2%	AI	VI Ž	N N	 AI	≱ Al	* 11	≴ Al	≥ 5/16	ير Al	۸۱
NO CEILING		•		in in in † a	1 4 C	0.00	0, 0 € 1 5 4)	6, 6		ः । • । • । • । • ।	7. 4. 5. 4. 5. 4.	6 7 6 5 7 8	(G) (L) (F) (F) (57.5 67.0	57.5	57.
VI VI 00081 00081			1	7 a	39 (1) 9 (4) 9 (4)		0 P	0 0 3 व 2 1	41 (3)	3 3 4	रा स स स	57.6 67.6	0	6.7 c	5. 8. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	\$ 50 \$ 00
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VI VI 000 000 000		-		2 3	√. (• • • • • •	4 4	70.57	2.2.6	5 7 4			75.3	75.7	75.7		76.00
VIVI 000 7000		* 4	10 10 10 10	() 4 () () () ()	6 C 4 C	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	76.5	75.6	P - 12 7	69 3 • • 5 • 5 0 5	5 1 C	\$ • \$ 0 0 • \$ 2 0 • \$ 2	(1 + 3 (2 + 5)	41.00 43.03	,•n∋ 9•3	□ / ● ● ・/ サ 人 #
99 99 AI AI		6 d	74 E.	2 0 6 0 6 0 2 0	0 0 0 7 0 8	71.	27.00	PO NO PO PO PO PO PO PO	U U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(• ¥ 3	C C C C C C C C	e • 5 5 € • 6 5 5		23 (2) M M V (1)	70 Pi	7 H
VIVI 854 800 800 800		. ;		0 F1	70.9	72.	77.07	20 G	C	(% Pr. 9 8 94 79 75 (() h	(V h)	6 PS	3. 4 .	10 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·	ව ය ප ප ප ප
3300		٠. ب	0. 69 0. 6 90 0	10 PQ 	4 84 64 84 64 84	13 M	3 0 6 0 7 0 8 0	٠ ٠ ٠	- (3 (3	3 & 6 3	3 · 5 · 5	3.66	0 4 • 7	ा हा * * श भी ह	4 0 F	
1 V I V		* *	0, 0 0, 0 0, 0	6 6 6 6 6 6	0 0	7, 73 M7 # 7~ 1	6 60 C 22 K	F 6 5	. Υ . Υ	6 e 20 c	. * • • • • • • • •	દ • લ્લ ા•લ્લ	6 6 0 1	3. 3. () . 6. (5.6.5	1 . 3 <u>C</u> 225 2 .03
VI VI 86 27 86 25			•	# 1 (4)	73.5	- th :	50.03 60.03	3.60	1	5. 44 J	• • • • • • • • • • • • • • • • • • •	5 5 5 5 5 6 5 3	6. 00 0. 00 0. 00 0. 00	25.	\$ 5 ° 6	120 20 (5) 00 (2)
VI VI 00 00 00 00 00 00 00 00 00 00 00 00 00		3 W 3 G 6 G	र है। 10 के 10 के	0•€9 2•€9	9 3 4 5 7 4 4 5	3 - S.	5 m 2 m 5	5 • 3 4 • 5	4 9 3	53.3	36.3	= € • 3 3 7 • 3	2	6.7.63 3.8.6	. ഹ നെ യ പ	್ . ಎ ೫ ಪ ಬ
8 8 41 A1		• •	2 CO	3 4	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	75. F.	11	Ç•€.		. e . e	87.3 88.3	27.00	7.3	र । । । ।	လုပ က ေ လ ဟ	10 mg
VIVI 88		C* L _		2•65 8•63	75.6	77.3	हिंदि • क । • क	\$ • C .	37.3	57.00 57.00	80.08	0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		ತ ಿ. ಇಟ್ಟ	97.5	1 . pc 6 . pc 5 . pc 2 . cc
VI VI		. • /	51.	2007	77.9	3.65	3.000	3.63	1 • 1 ? 2 • 1 ?	- 10	7. × C	7.5.	* * * * * * * * * * * * * * * * * * * *	4 6 6	• •	
8 8 8 8		• •	 L'	0 0 0 0 0	 	<u>.</u>	े () स् ८, उ	<u>به من</u> د د	4 6	17. 49 17. 49 17. 49	₽ *! # #! # #!	Fr No or its or its	M) H)	\$ \$. D []	000.4	× 1.
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (LS T

٥ > 5/16 ٨I * N * N A) VISIBILITY (STATUTE MILES) ۲۱ چ ۲ ۸۱ ٨١ ام الا ۸Ι 2 ۸ł NO CEILING CEILING (FEET) VI VI 8000 0000 0000 0000 3000 Y 1 1 1 2 0 0 0 VI VI 8 8 8 8 800 7000 000 5000 5000 5000 4500 400 400 2000 2000 1800 1500 1200 1000 88 888 88 88 AI AI AI AI AI AI AI AI AI AI ALAL AI AI ALAL AI AI

TOTAL NUMBER OF OBSERVATIONS

SMOS

80

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

LO.T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				<u> </u>			VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	VI 5	۸I	SS AI	7 Al	E AI	1 2%	AI	۷۱ ۶	۷۱ ۲۰	۸I -	* N	*	× Al	≥ 5/16	× Al	0 11
NO CEILING			,	F 1		1.0	10 E	G 7		() () () () () ()	2.00 E	000	3.00 0.00		C C	~ ·
VI VI 00081 14600			,, ,,	 	• • • • • ज न	7 • • • • • • • • • •	7 .7 4 .7 4 .7	 	7 7 6 6 14 14 2 2	7 3	10 °	4.3 a.0	0 C	3 3 4 4 3 3	2) F.	2 2
V I 14000		•	2 3	41.7	4.1.	1. F. S. S. S. S. S. S. S. S. S. S. S. S. S.	P. P. P. D 2 3	7 6 7 3	1	F = 4.	K	L 1 . 7	F 6 6 7 7	15 11 0 7	£ 10 2	1- 60 -4 60 20 40
VI VI 0000 0000		13 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2 2	20 CC	* * * : * :	1. E. 40 A 47 T	2 2 3	- 3 - 4 - 2 - 7	3 3	€ . • • • •	1 · · · · · · · · · · · · · · · · · · ·	3. 3. 3. 3. 3. 3.	3 3 3 3	# # # # # # # # # # # # # # # # # # #	3 3	ର ଓ ଓଡ଼ଶ କ କ
000 7000 71 VI		a a	3 3	ស ព ១ (3 ១ ម	F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F 0	C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	F 0	ი მ დ მ ქ მ	· •	P. 1.	6 G	~ 0 €	€ 9 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 ° 0 °	P (7)	5 (c) (c) (c) (d) (d)
0006 A1 V1		3	* * *	3 en	25 C) • • • • • • • • • • • •	0.0	50°35	0.7	€ • • • • • • • • • • • • • • • • • • •	. 1		C) C)		0 0 0 4 0 3	6 6 G 4 G 3	
VI VI 0004 0004			P	23.60	(1) (1) (2) (1)	2.7	51.00 C. C.C.	0.7	C #4	7) (t) -4 (s) - 6		7 P P P P P P P P P P P P P P P P P P P	7. P	1 P	51.7	M 10
3000 Al Ai			7.5.2.7	75.07	5.07	6 6 9 6 9 7	7.66.7	E * 3 %	7.0.7	7007	5.0 × 7	30.07	7.83	79.2	10.3	() (A) () (A)
12 12 12 12 12 12 12 12 12 12 12 12 12 1		• •	2" (%		. 60 %	5 t	23 PO ED # ED U	5 4	(M. 50) 라 발 가 가	ന അ ന ഷ ധ ~	5 • 9 ¢	60 00 00 00 00 00	60 B	2 . 2 . 3	7. C. C. C. C. C. C. C. C. C. C. C. C. C.	(* b)
VI VI 085 085		8	3.4	5 4 4 5 2 5 4 7	54 • 3 96 •	5	€ 63 6 0 6 0 6 0	4.7	74.7	94.7	94.7 94.3	14.7 05.5	₹ • 5 5 5	94 . T	74.7	C - 40
VI VI 1200 1200 1000		£.	25. 25.	97.	97.0	.7.	97.5 94.3	7.87	97. 18.3	97.3 98.3	07.3	93.3	07.8 93.3	98.3	97.7	10 e 1
8 8 AI AI		. e e	2		96 • G	<u>े ।</u> ध	98.3 98.3	5. K.	70°3	95 a 34 G	90.03 90.03	99.2	98.3	98°3	98.5	€ \$0 € \$0 € \$0 € \$0
VI VI 8 8		3 L		07.5	200 200 200 200 200	र है। • 80 • 80 • 80 • 80 • 80 • 80 • 80 • 80	9 4 9 3	53.3 28.7	98.7	98.3	95.9	93.7	90.00	93.7	98.7	92.00 99.00
VI VI 88		a) č	95.8	97.7	78.	र • । १ • । १ • ।	7.00	0.6° 0.0	7.886 99.88	99.00	1.05 7.09	59.7	40.7	99.7	7.08	59.7
30 0 10 10		: ± • • • : 4.	7	7.7	F 0 0	10 m 10 m 10 c	7 8 9 7 7 9 9 7	60	0 6 €	0 * 5 €	1.06 7.08	7.99.	7.00	59.7 59.7	7.99 7.99	7.85
80			का है। ए एक्ट क		नाहर 2000 2000	# #. ₩ # ₩ #	7 2 2 7	9 (A)	6.3	() () () ()	7000	50.7	50.7	30.7	79.7	59.7

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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NOUNS (L S T)

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CEILING							VIS.	VISIBILITY (STATUTE MILES)	ATUTE MII	ES)	:					
(FEET)	VI 5	9 Al	¥n ∧l	٨١	es Al	≥ 2%	2 2	%۱ ≥	¥1 \	7	¥ Al	* 1	% Al	≥ 5/16	۶ ۸۱	0 1
NO CEILING	İ	(3 / (3 (4)		C 2	(1) (1)	۲۰	00 C C W 00		E 6 F 7. D 1	64 B	C 60	ា ព ស្រ	E3 61 60 7	0 • 12 s	27.0	27.
VI VI 00081 00081			# .5	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	 	0;	2. €	Ç ;	•	ເມ່າ ພິດ ພິດ ພິດ	•		C. C	50.03	20 m	
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0001 VI VI			10 PM	5.6.7	57 4 6 6 7 5 6 7 5	7.	57.0	:7.	57.	51.3	57.3	57.3	57.7	57.3	57.5	57.7
9000 41 41		6. ·		20 E	6.0 e 7	7 • 2 ÷ X	52.7	52.7	5.3	3.00 m	65.3 64.0	6.80.5	6.00 B	F1	63.3	6303
9 8 9 8 1 1 1			7 K	#1 h1 #1 15 17 5	10 th 10 th 10 th	C. C. C. C. C. C. C. C. C. C. C. C. C. C	5 % 7 C C C C C C C C C C C C C C C C C C	W	5.5.7	90 P 3F 2 3G 0		20 J	2 10 4 4	10 00 00 00 00 00 00 00 00 00 00 00 00 0	(C) (C)	64.3 66.3
VI VI 864 886		** 1,1		16.5	7 7	66.5	7000	26.42	6.5 . 7	57.	67.0	73.57	• •	•	67.0	57.
3300 A1 A;		7 h	71.7	K 19 4 9 19 19 19 19 19 19 19 19 19 19 19 19 1	3 2 6 6	76.	76.	11 A)	5 m	40.00	70.7	76.7	76.7	7.02	76.7	75.7
2000 10 10		F F	रा क	0 m	F = 7.6	P O	0 % & C	10 Po	1 m 2	# O	0 a c	.7 € 9 € 9 €	(P)	7 97	2 4 2 5 5 5	1
VI VI 8081 0081		•	7 (1) 11 (1) 12 (1)	7 d	6. V.		90 C 10 G	56.3	1.00	1) (1) 40 % 60 % 70 %	4.5	• •		0.40	000	0.6.3
71 71 1200 1000) · · ·	9 .7	96.0	76. T	5.6.3	95.7	97.5	47.7	7076 9005	97.7	7.7	5.30	7.7.5 5.0.5	7.79	77.7
88		 	K) / Y	66.3°	5.4.5 5.7.0	. • 2	5.46	7. 8 8 €	र १०० १००	1000	1.00 2.00	2008 2008	7.00 CO	96.7	7.89	7.00
VIVI 8 8		70 (7)	71.2	\$6.5 56.3	37.C	0.7°	7.70	្រ ខ ខេត្ត		96 • 7 93 • 7	5.6 4	400 A	F 60 00	7 . 8 c	7.06	95.7
VI VI 800		• •	2.0 E &	56.03 50.3	7 • C	5.7 e.5	97.7	0.89 7.897	K • 0 c	30°31	0° €€₹	99.3	500 S	39.3	0.00	0.00
7 3 30 7 4 1 4 1 5 3 6 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1		•	2.10 0.10	5 J	97. G.T.	37.2	98.8	5.8.7	78.7	SOCE Sect	185.9 166.0	0•001	ា - ១០ ពី - ១១ ៖	100.0 100.0	152.0	155. 165.0
80		• •	61.8	76.3	97.	7.5	98.3 98.3	18.7	31.7 08.7	1•1 I	100.00 100.00	00000	150.0 150.0	1 30 • C	107.0 100.0	100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

P & J) SHUOM

O Al 79.5 7. E.S 55.7 ΑI 5/16 ٨i × 1000 ٨í ¥ ∧i -Ai VISIBILITY (STATUTE MILES) <u>₹</u> VI Z % % F . H. . () • ۸ì • <u>C</u> 14 . . . 7 7 . . . ۷i ۲۵ ۸۱ Αŧ 2 NO CEILING 2000 1 CEILING (FEET) VI VI 8000 8000 8000 8000 654 600 600 600 2500 2000 8 5 8 8 88 88 V V 1 2000 VI VI 200 000 000 000 000 3500 95 5 8 8 88 88

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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22							× ×	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	N 2	۸I	S Al	AI	AI	12 2%	AI	ž Al	Y1	ĀI	# Al	≱ Al	S. Al	≥ 5/16	N AI	O AI
NO CEILING		•	•	7 C		7 (m)	€ 6 4 4 5 6 6		F ((. •) 4	6	46.00	# C	2 0 3 H	C 67	in t
VI VI 0009 0009 0009		.: w	3 4		F • 55	- 6.7	E E			6		6 8 e J 6 8 e J	C &	2 P	7. T 37. M 37. Z	() (() () () () () ()
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			10 20 40 40	. (i)	6 ? • 7 ? •	7.7	(No. 3	21.5	5.01	65.63	5:03	0(03	6. 5	5.6 × 3	71.7	5.8.2
VI VI 0009 000			7	7.5	7.3		7 - 7	15.7	7 - 7	1001	7 7	79.7	2002	78.7	70.7	74.27
000Z - X				3 J	. Po V	. 6 	. 3 . 5.		F (10 C	2 C 3	5.7 s 3.	P (7 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5.30	M 13
0005 AI AI		• I.	* * * * * * * * * * * * * * * * * * *	() kg	**************************************	7.7	.; • € Ø 6			• •	() • 4 % () • 4 % () • 5 %	ਲ ਦਾ ਹ ਦਾ ਹ ਕਾ		M 6 3 3 3	20 au	() () () () () () () ()
VI VI 854 806		-	1	# # # # # # # # # # # # # # # # # # #	e e Ze a u X	7.63	3 8 8 S	# # 1 * * * * * *	P 90	. •		92.3	es es ac s	ಣ. ೯. ಟ ೯.	M M 0 8 0 X 0 X	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
9906 A1 A1		~ 3	F1 (F	E	9.2 e	1.	. • To	5.1.9 y ≥ 0.5	् • स् • स् • स्	010		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	61.3	- (3 - (3 - (3 - (3) - (3)
17 IV IV IV IV IV IV IV IV IV IV IV IV IV		,	in the	9 pc	7.4.0 7.4.0	3.0	ਤ ਹ ਤ ਹ ਹ ਹ	3 V		***		**************************************	3 4	3 5	10 to 10 to	• • • • • • • • • • • • • • • • • • •
VI VI 88 82				1.00 mg/s	7	3.0	7 - 3 5 · 3 · 4 · 5 · 5 · 5 · 5 · 5 · 5 · 5 · 5 · 5	7.5.7 			V 4	6- 15 11 11 11 11	7 · · ·	ر. د د د د د د د د د د د د د د د د د د د	56.7	95.4
VI VI 986 986		, , , , , , , , , , , , , , , , , , , 	K	1.2.2	7 L	*** ** **			•	1 C		7			50 m	2 0
8 <u>8</u>		0 41	•	3 3	. 6.	7. N.	E . C			, , , , , , , , , , , , , , , , , , ,	6.7	6.0		• •	99.0	3.0
VI VI 8 8			• • • • • • • • •	\$. P.	7	ນ ກ	65 60 9 60 10 50	E E		3 (-		F 0 7 7		6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	900	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VI VI		4	~	7) 	1 P		0		1 3 5		1000 1000 1000		.0.	. 1	
8 8 AI AI			トト ・・ ティ	4.7		. 40		1 : 0 • 0				5:3			ن د	
80			2 (2	F 7	07.	• •		· ·			3.00	C. L.			000000000000000000000000000000000000000	100 m

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NAMON NAMONA

SE LE] 	VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	[2]	<u> </u>					
(FEET)	2	۸I	so Al	AI	AI AI	18 2%	~ Al	V 7	%1 AI	Ā	K IA	Al Al	Z Ai	≥ 5/16	Al	O Al
NO CEILING		•			3	, n	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 13 7 4	्र । ज । ज ।	u 10 0 0 0 0	3	1 S 0 7	45.7	45.7	45.6	5 0 1 0 3 0
VI VI 00081 00081						1, w 2) n	£ 7 5	2 13		5 1 3 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	# # # • • • • • •	3 4	3 0	÷ 1 • €	61.7	53.9
1 1 4000 1 2 000		•		2 3	υ . 	r= 3	P 0			61.3	 	5.50	, , , ,	£2.1	5.2.2	5.2° # 2.5
VI VI 000° 000°			20		5 5 3	5.0 .5.1	67.5			i	, e9 , e9	69 3 65 6	6.0 B	59.2	4.03 4.03	68.5 68.3
900 1 Al Al			64. 64.	6.7.7	7100	F • 17	7 7	74.5	2 4 4 5	75.7	7.02	75.2	71.04	75.5	75.7	76.3
00 00 00 00 01 01			7 • 4 3 2 • 3 6	6.00	72.64	5.00 E	7.6.25	75.0	73007	7:05	76.05 76.5	75.5	75.2	75.2	76.5	76.6 77.4
VI VI 854 805		• •	رد در. در در	7.04	76.0	15.2	75°F	75.0	7.01	73.4	7 £	77.1	77.5	77.	79.5	77.C
3300		• •		74.2	76.07	7.7	\$ 0 7 £	3 · · · · · · · · · · · · · · · · · · ·	7 . 6.		3 % • 3 • 3	3 T O	10 US	2. • . ? . •	3 u e 8 e e 8 e	
2500 2000 2000		5 A	7.00	100 m	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0) • A	3 C	3.6	7	3 4 6 3 4 6		0 • 2 5 0 • 2 5	500	90.4 53.0	91°	7.1 . 1 C 3 . 3
VI VI 86 86 87			31.1	7.5	90.00	0 - 60 0 - 00 0 - 00	\$10 T	1. ol.	90.00	97 4. 74 3	9 8 . 5	73. 54.5	74.7	∵ • श • १ १	93.5	9.3.e.
VI VI 200 200 200 200 200 200 200 200 200 20		() () () () () () () () () ()	क • • • • • • •	6.7 c.	9. ° 7	·1 • 1	्र ४ ० १ ४ ० १		43.	2 th e	7 - 3 6 0 - 4 0	1.00 2.00	C' F	75 e 7	75.5 76.6	9. % 6. L
8 8 AI AI			3.01	5	91.	म्ब हा १५ ११	5 th 0 3 th	. C .	1 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	क 8 8 8 8	75. V	36.00 C	3 D	3.97	56.7	900.5
88		r•3, r•3,	े प्रा (८ ९) १९ १८		0.00 € 0.000 €	2.7	१४ . प्र	7 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	35.65 7.5.3	30.5 90.7	9 9 9	96.3	7 - 1 0 7 - 2	97.1	97.5	97.0
V1 V1 8 8			£ • { 3	C	7 - 3 6 9 - 3 6	3.6	35.6	.6.3 9.6.5	8 - 3 C	47.5 51.2	95.0	9.4.2	9:01	98.5	•	2.69
8 8 8 8 8 8		• •	6.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	3 2 0 G	0.00	 M M	0 0 0 0 0 0	6.6.3 2.6.5.3	95.0	93.	7.00	23.7	÷ (1	\$ • 8 ;	3.00	5 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
9 °		• •	70 (a) 10 (b) 10 (c)	30.2	0 0 0 0 0 0	00 00 20 M 0 75	25.	3.6.5	5 C C C C C C C C C C C C C C C C C C C	(1 ft)	2 2	9.5.7	0 0	1961	35.6	35.8 8.86

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Mouss (1 8 T .

CEILING				\ !			N VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	2 Ai	۸۱	N AI	AI AI	N AI	V 2%	N Ai	VI Z	VI Z	Ā	≱ Al	∦ Al	S.	§ 5/16	AI Z	0 Al
NO CEILING		7	71.	5.00	7 4		. M G (c) G (c)	14 e	6. P.	7-56	3.82	5.30	2.5	63.52 53.53	7 4 5 K	53.2
VI VI 000 000 000 000		,	73.	77.7	7.0	() ()	C C	F &	* () () () () () () () () () (2.00 m	10 (a) No. 10 10 (b)	ب م ري ري	\$ 2 · 6	32.6	\$ 7 K
1 1 4000 1 2 000		1-	71.03	7. 0	C 7	₩ 0 - ^ - ^ - ^	3 ∧ 6 0 • 1 0	Č. P	4 C S	10 m	() (f	() d () d () d	0 	ර ද ද ද ද ද ද ද ද ද ද ද ද ද ද ද ද ද ද ද	3 0 6 0 6 0	ខ ុំ ជ តំ ប ជៈ បា
0000 Al Al			77.	8 9 4 9 8 4 9		7 - 7	7 F 12 S 20 S	0 k 0 0 0 k		94.3	5	91.7	7 12 21 D	50.7	97.7	7°88
VI VI 2000 7000		# 6 3 5	51.7	7.0 ×	0 T = 0	्र १,८	74. 4. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	3. 65 37 60 9. 7	3 4 6 6	35.55	05.5 96.1	32.5	95.5	75.0 76.1	95.5	90°°
0009 AI AI		3 •	र । इ.स. इ.स.	5.0	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2°€2 2°€2	10 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·	ජ ම දි දුරු	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35°	1.00	5 5 0 1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	36.1 94.5	96.1	96.1	0 60 0 0 0 0 0 0 0
VI VI 004 006		3 6	1		1. C. C.	M I	1	14 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- ∪ 4. 0 7. 0	3.00 e	8 6 6 6	\$ 0.00 0.70	0000	i • •	96.9	96.3
3300			φ: ±2	1 • 0 7 • 5	92.	3.5	55.1	3.6.5	C \$2 ♦ C C \$ \$ \$ C	2•96 3•96	1.6	47.1 97.1	5.7.1 97.1	97.1	97.1	1.72
7 280 10 10			is in	51.3	() * C	0 • % /	35.5	8.40	36. °	97.1	9°06 8°£6	8 • 4 6 8 • 4 6	31. 60	4.80	97.4	97 × CO
VI VI 88 88 87 88		•		23	2 + 12 C	3 3 1	47.4	7.7.7	7.1.7	98.1 98.1	3 3 0 () 2 ()	# # @ CO O (A)	ा व । । ।	3 · 10 · 10 · 10 · 10 · 10 · 10 · 10 · 1	4.60	3 × 3 S
AI AI			, n	3° 3° 3°	2 0 4 V	5 8 2	98.1	1.5.7	2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4°26	C* 66	7.8.7 0.0.0	L 0	99.07	98.7 99.3	2°66 4°26
8 8 AI AI			7 C	0 0 0 0	. • nc	1.7 (1.7 1.47) (1.7)		# # : 10 C	3 ° । ∴	0 8 9 7	96	0.66	0.00	39.60	99.0	0.89 0.89
VI VI 8 8		- 1-	ර ර • . ව	2 3 62 (4 C 0	o o o o or ar o o	មក ស្ត្រ ស្ត្រ	1.60	3 3 0 0 0 7	200	70.7 00.7	\$ 0 5 0 5 0 5	(° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	C. (1.60 1.60	. .	0 to 0
VI VI		№ 60	. • . • . &	92.0	9 % 0 %	00 0 40 40 7 7	74 € 87 € 0 €	3 P. 6	7.0%	9	(# (0 0 (0 0	0.00°	ि अ ० ७	7 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	C 0 0 0	. 66 66
8 8 5 3 1 A I A			3 ° 6 8 8	6 • 2 5 6 • 2 5	3	5 . 1	6.3 9.9 5.9	# 6 € €	ស•ំធ. ១•ំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំ	1.50	150°01	100.0 100.0	100. 100.0		រ.មក. ពិធីបានក្នុ	150.4 170.4
71 VI		F 6 6	C 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	₹ * 3 c) ₹ * 3 c)	3 ° 3 6	6.1	. 65°.	ສ • ດ ∈	ब 6 %	39.7 39.7	ມ•່ປ3: 2•ມ≤:	15".• ti 17"• ti	0 0 0 0 0 0 0 0 0	0.001	197. 187.9	103.0 103.0

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (L S T :

CEILING							VIS.	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	VI 5	9 Al	AI	۸I	۸۱	17 2%	AI	VI %	¥1	- AI	₩ Al	# Ai	چ ۸۱	N 5/16	N N	O Al
NO CEILING			د ت ت	ي ا	7	13.3	2 0 0 k	ر ن ن ن ن ن ن ن	2 3 3	3 0		10.3	C) ()	() () () () () ()	2. S	
0009 1 VI VI			() () () ()	6 to	71.7	72.57	7:27			5 • 1 3 3 4 3	10 m	₹ £	C . C .	5.5	3. € 3 3. € 3	9
V I V I 12000			10 27 77 (10 27	7 . Q	77	20 € 64 ₹ 10 €	78.7	() M	1 - 74 3 - 7	2 8 3 5	20 B	6. 00 6. 00 7. 00 8. 00	2.63	5.3 €. 35.6 ×	\$ • \$ € \$ • \$ €	6 P
900 A1 A1			r.	60.7	7	7.00	1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	7 - 4	27 R	0 4 0 4	7 7	31.00 91.00		31.6	91.3	77 6 7 5
VIVI 800 800		7 7	3 0 0	73.5 71.6	\$ 6 € €	2	# . € ©	16.47		1000	33.4	24.2	34.2	2 0 0 5	34.5	5
9 9 9 8 Al Al		•	C 	71.6	6 . K	C2 ()	# # " () " ()	7	7	61 (A 6) (A 6) (A	33.0	54.2	2.43	7 . nc	5.46	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VI VI 86 80			φ. ~	71.	60 71 64 64 64 67	2.5		7	6	P 60	10 gs 40 kg 50 th	C) 0 7 0	5.4.5	60 S	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 2 3 0 3
3300			4 4 5 5 2 4	71.	7 T	2.	a a	- 10 - 10 - 10 - 10	(M	0.2 G	17 a * # O	34.5	7 a c	7 4 4 5 7 4 6 8	34°H	3 4 4 5
7 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		J (3 4	71.6	87 E.	2.00	3 C	MI (7)	6 17	1 3 T	[] 0. • • ± /] ÷ ::	5.44	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	3.44	ម ម ម ម	60 00 0 04 0 04
VI VI 081 082		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	6 1.9	2.5 3.5 9.05	: 3 : 1 : 1 : 1 : 1	S ~	3 - 3 e 3 - 5 e 3 - 5 e		 	0 C 17 3 27 3	6 E	5 6 3 5 9 6 8 1		95.3	\$ 95 \$ 95	10 mm
V1 V1		1. 6 0 0 0 0 0	C (1)	72.9	200	3 6 6 6 7 7	7		0 0 0 P	(1) a	ਰ 0 6 ਵ 6 ਵ	1000	1000	36.1	4 C	ਪ ਦ ਹ ਦ ਹ ਦ ਹ ਦ
& & AI AI		K 6-	C C C C C C C C C C C C C C C C C C C	7.00	क क ए हा ए क	10 M	\$ 5 A	(4)		0.74 5 5 0.5	र ख . फ c रू	4.64.2	ម ទី២ ទី២	3. 49. 3. 49.	11 0. S. V.	9 6 6 F
VIVI 8 8		45.00 P	\$ 6 0 Z	73.9	32.00	,	95.7	५७ क १८७		() 0 H ()	J. 6\ ■ J. J. J.	90.0	2 B	φ (3)	a a a	36.5
V1 V1 86		, , , , , , , , , , , , , , , , , , ,	2 • # ¢ S • # ¢	7.00	ं है। 	3.8	3 • 16 9 1 • 1	2•85 6•35	2	2 4 6 2 5 6	9 6 4 9 9 5 4 6 4 5	\$6.8	10.00	97.1	99.1	3 4 6 5
38			(· · · · · · · · · · · · · · · · · · ·	73.0	# 10 (F (C)	* *	71.00 71.00	\$ \$ \$ \$ \$ \$	5 5 c		27.0	4.7	7.0		3 1 6 8 3 5	6.3
80		* . ()	ଧ . ଓଡ଼ିଆ ଓଡ଼ିଆ	7.000		3 3	1. 1. C.	,		2	77.	9.7.9 9.7.9	3 3	2 de 5	3 0 C	39.5

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURT IL S T .

CEILING							NIS!	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	01 2	۸I	No Al	AI	es Al	> 2%	ا4 م	۷۱ چ	%1 X	- Al	≱ Al	ar ∧i	S Al	91/6 ⋜	.₹ Al	O Al
NO CEILING		•	6 3 6 9 63 83	**************************************	10 g 0 k 0 k 3 10	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	13 3 0 5 0 6	7 4 3 4	2 4 2 4 2 5 2 6	56.0	7 0 E	50.1	(1.6	71.	50.7	7.5.7
0009 1 A1 A1			19 33 0 4 10 80		3 4 5 G	F- 1	0 P	174 S	ا ب ا د د د	1 0 2 0		. ~	71.6	71.	77. 7	£
17000			M1 35	3 4. 3 6. 3 6.	5.7.7	6 () 6 ()	5. A	₹ 0 0 0 0	1 0 0 2) ph	7 2 6	711.7	710.	71.0	71.	7.7	ا ا ا ا ا
900 000 000 000		12.5	2 m	57.4	67.0	3 6 3 5 7	7. S. T.	3 5	٧ - د	5 as	2 01 0 00 2 00 2 00	5 5 6 5 5 5 5 5 5	2	υρ 61 10 - 31 10 - 31	€ 3 3 50 €	29 .7
VIVI 0007 0007			7 F.		7.3 . 7	3 0 0 3 3 4	: • 4 ° °	5 a a 5	€ 3 3	2.6 • 5. • € .	9 • 3 €	37 39 8 44 67 33	3 2 6 0 6 0	7 * 6 S	11 K)	
00 00 2000 A1 A1			87 हा • • • • • • • • • •	200	76.27	7 * 57 £	2 6	(√ a)	् • क	\$ • 3 ;	₹ • € 3	3 ° d 3	# · A	1 58 5 50	1.0	W 12 0 0 0 0
VIVI 400				10 Ca 10 Ca	77.5	C 02.	0 m ₹ %	។ មា មា ភា	១ (វ	5.7 ° 1	0 : 0 0 : 0	e e	1. (1 7. (1		010	6 1 6 6 1 6
3000			0 60	ល់ មាន ម	744.5	76.1	0 C	177 m		e= व १ (१ १ (१)	900	93.63		7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	£ € € €	P) &
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			\$ 5.	5.5.2	60 00 60 00 60 00	77.3	17 17 10 12	2	2.00	ري ا ا	t • * * * * * * * * * * * * * * * * * *	0 3 0 0	#*	42.	20 m	2 3
VIVI 0081			. D &	30.0		70.2	e 4	L 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	b ? • 7	3 7	500	5.0.36	(), U	, , , , , , , , , , , , , , , , , , ,	56.5	3 to
VIVI 88			त्र * १ क १ क	£ 5 + 3 5.7 + 1	77.4	7.0.7	35. 25. 35.	2 ° ° 7	\$ • • 5		₹•30 \$•30		20 € € € € € € € € € € € € € € € € € € €	4	7. S. S. S. S. S. S. S. S. S. S. S. S. S.	7 G
8 8 Al Al				prd prd 0 0 P 1 Pr 12° Us	77 • E	20.	17 E	∠.	7	• • • • • • • •			y (3 H	55 . 3	ម / ម ១ ៤
VI VI 8 8				6.7 • 1	T = T T	79 . t.	\$ 5 5	7 6 6 8	5 5 4	91.05	73.6 93.9	33.5	Q • 8 € .	က အ က အကြ	96.1	2 + 3 2 5 + 7
V1 V1 8 86			3.5	1, 0 2 % 1, 0 3 4	7 • 4	5.4.7 5.4.3	36.0	9.07	100 S	5107	74 • 2 5 • 5 •	1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	en ag u f	25 e v	9. 4. 9. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	2 °
8 8 8 1 A I		h		67.7	7 7	60 0 20 0 1	•	7.	7.07	3.5	46.1	95.1 00.1	3 8	୬ ଓ ଅଧ୍ୟ ଅଧ୍ୟ	40.7	1.36
80		•	10 Eq.	P (-		ر ا ا ا ا	7 0 2	7.7	F 60	2	\$ 0 0 0 \$ 0 0 0 \$ 0 0 0	0 0 0 0	F	4.80	1,000	0.00 10.00 10.00

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (L S T)

CEILING							VIS	fBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	VI 5	۸I	so Al	A I	ار ار	≥ 2%	K 2	N 1%	≥ 1%	- 2	N N	∦ Al	λ Z	≥ 5/16	Z N	0 Al
NO CEILING		•	• ·		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	• •	ि क स अ इ	37	t	3 . 4 . 5	1	44.00 5.00 9.00 9.00	4 4 4 C	56.45 58.45	5 ° 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 0 0 3 5 0 0 3
0009 1 A1 A1		• •			5 7 8 E	0.01.	5 3 4 5 8 4	* * • • • • • • • • • • • • • • • • • •	11 °	7 ¥	3 ° 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	77 4 6 6 L	3 3 	३ व 8 व 8 व	9 × 5	# 3 # 4
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					¥ * ` }	3 9 2 3	C	\$ • \$ ·		3.4.5	8° 10	50.3	P P1	F)	5.00	
900 000 000 000 000 000 000 000 000 000		•	6	₹•,.	5.7 a G	7.	6 ते , ध	3 3	3 3	\$ 0 0 B	35 25 C 3	क जा 3. % 3. %	37 38 • (c) • (c)	ब 4 5 4 0 0	3 3 3 5 3 5	7
VI VI 7000 7000				50.7	2 0 4 4 1 6 4 1 6	73.5	70.5	9 62		76.00	70.6	7 2 6 5	7.06	72.5 72.6	72.6	7:05
00 00 00 00 01 A1 A1			•	2003	71.	6 6 ert ert	72.437	3 4 5 7 6 1	7	72.6	72.6 72.6	72.6	7206	72.6	72.5	2000
VI VI 0004				() () 	71.0	71.	72.0	70.0	70.0	7201	73.2	72.3	3.66	72.03	72.0	73.00
3000		•	7 1 0 E	71.00	7102	77.1	74.2	13 € 13 € 13 € 13 €	7 7	7 44 6 5	7 4	2 . 2 . 3 .	7 to 0 to 4	76.7	70.00	2
7 5 50 7 50 7 50 7 50 7 50 7 50 7 50 7 5			# · · ·	\$ • Z :	3 % (U 2	3 0 # f0	स • \$ \$ \$	- C		3c + 2 2 5 + 2	5	म के के 1 क्रिक्ट 2	1 to 1	5.01	5 6 6 5 6 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6	-4 () 6 () 7 ()
VI VI 86. 80.				3 • € 5 3 • € 5	9 6 2 € 3 €	1 9 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	() () () () () () () () () ()	4 4	ŋ•	10 0 3 3	8	U: 2 ● 3 - 3 - 4 - 6	L 3	% €.		3. 3 9. % 7. ()
VIVI 980				¥ .	3 B	. 7 e.		# \$	# 3 		សី ភ ៩ ០ ៤ ៤	3 0 5	3 3 . 0 0	य य १००० १०००	3 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 ·	3 4
8 <u>8</u>		•	- * ₹ €	\$	97.0	17 . T	75.4	1.000		04.7	1000	03.7 155.0	,	F 0 0 3 1	50.7 50.03	7 ° 0 ° 1
VIVI 88		• •	• ¥ *;		- 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5 c . 1	500 7	11 0 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0	•	7 () 10 () 2 ()			1	000	000	
VI VI 8 8						64 68 (C) (D)	900 300 F		U 0 17 17 17 17 17 17 17 17 17 17 17 17 17			100.00			000	- 4
\$ 8 1A 1A		•	6.7	(1) (1)	12 A	ντ. (S) (1)	30.3	0		100° 100°	3 C J & C J & C J & C J	5				
VIVI 8 o						5 X						0.0			0 • 0 · 1	

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERING						,	NISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	۸۱ 5	۸۱	VI 80	۸I	AI	% % A1	~ Al	VI \(\frac{2}{5}\)	¥1	- Al	¥ N	# Al	Z Al	≥ 5/16	ية Al	٨١
NO CEILING		•	in a	P. 3.	,	0 S	5 - 40 0 - 40 0 - 40			. 3 . 4 M		C) 49	E 40		36.50 36.50	7. U
00VB1 <		-	. (•	10.57	2.		-	Ac. 6.	300	•	.5	42	7 C	3.
00091				7 7		100		1967	. 2.	30.00	•	\$	٠	36.	36 .	1.0
1200		•			٠ ٧ !	 	6. 4 6. 6 6. 6 6. 6 6. 6 6. 6 6. 6 7. 6 8. 6 8. 6 8. 6 8. 6 8. 6 8. 6 8. 6 8	7.7	7 7 7	77.	37.7	37.01	27.7	27.7	37.2	4.7 . 3
VI VI 000 000 000 000			£ ,			12 35 12 75 14 15	2.00	2	. • 4 t	√ • • • • • • • •	2 * 17 ty	40 00 60 at at at	3 ° 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	# # # # # # # # # # # # # # # # # # #	1. (1) W 3	का है। एक आ स्टब्स
VI VI 7000 7000		•	2 7		23 र ए अ. इ	6- 3 0-	F: 0	C 6 7 U 2 J	7	11 P	C = C = 7		् ८ ० त	45.7	80.04 F.0.4	
		•			• (-)	•	,.	1 7	•	27	F 0 17				0	40.7
1		•	3	3 (? (C 3 7	F. A.						7.00	50.0	~ ~	1003	17 P	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		• .			3	•	• 15	•	•	6 C U	# 1 C	5	F (•	P	
00 00 00 00 01 Ai		• •		71.5	7 P	. 4. .	74.5	2 (f (* 2		S • ₩ <u>7</u>		7 A		3 7	: i3	
17 IV IV		7	() • 4 ()	7° 6	€ 00 e	75 G ## 10	2 (c) (c)	6.1 cd	e e	(1) red (4) 0 (2) (50 mm 6 mm 50 mm 5	M2 -4 -4 (0 -7 (2		3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.; ; ; ° • • ••• • •• •;
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& & & &			1. C	100 F.	77.7	6 10	र • ल ८ इ. • ल ८	L • 5 .	6.00	7.00 7.00 7.00	0 P		य य ६ (१	# # # 0 \$ 0 \$ 2	3 . 60	# J . & & & & & & & & & & & & & & & & & &
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VI VI 88 8		. U	F • 1.4	2	7.70	न्द्र न्द्र २ ४ १ ४	7. E	7	2 0 5 5 2 0 5	(° • 5 € _ • 5 6	8 ° C S	3 ° C /	. y. v.	59.7	49.7	6
8 8 8 3			7 7	(1 fg	11. T. T. 2.			7	F F F F F F F F F F F F F F F F F F F	* (* (*) (* (*)	7.00.7	7.00		13 L3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
80		•	Po €: 0.00 0.000 000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.	C. C.	7 . 7	2 4	# • · · · · · · · · · · · · · · · · · ·	7.	7	\$ 0 0 0 0	70.7	00.7	C 12	3.00	ត <u>់</u> ខ	

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(2 8 1) SEPON

CEILING							NISIA	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)		' '	. ,	 		
(PEET)	VI 5	۸۱	ss Al	AI AI	ε Al	1 2%	N 2	٧١ چ	VI Z	Ā	* 11	a# ∧I	چ ۸۱	2 5/16	N Al	٨١
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0006 A1 A1		•		3 9	- S		2 स 3 क 4 क	選。65 公司 (2) (2)	1 4 2 4 3 5	का है। उन्हें कि की	(1) (1) (1) (2)	6 8 5 8 8 6	• 60 - 12 - 12	56 at	54.03 54.09	50.5 50.00
000 7000 7000			01.	· 1 • 3 01 • 6	6 ° 6	13.5 13.5	5 • 4 9 6 4 • 2	2 to 1	U ()	्. • ≦ 3 - - - -		5 3 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	U 62		63.00 Fee.2	, 1 , 2
0009 AI AI		•	. • 7 6	1.6.6.	53.00 C		5.40	1.00		54.€3 85.€	56.2	5.00 to 0.00 t	Cy	12 m * 9 9 9	64.2	() . e e e e e e e e e e e e e e e e e e e
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		. A		7 3	स ३ ७ १ ७ १	5 5 5 5	66.03 52.03	1.66.3	t.5. • 1 0 · • 1	56.66 60.1	6° • 1	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 64 3 5 7	% • € 3 E • € 8	() eq () f () () ()	(f. t. s. %)
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17 IV IV			E 13		 	5.4	* 4 S	€ • 3 3 3 5		S • S &	3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 - 5 - 5 5 - 5 - 5 5 - 5 - 5	6 60 • 60 • 70 • 70	0 3 2 .	رة الأور الأوراث الأوراث	1. (n)
VI VI 0081 0082			3 11		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3. • 0. • 0.	 	e Ç • a ≤ 6 • 3		96.00	5 8 8 6 6 7 6	95.6	3.0 € 50 €	05.3 97.1	8000	5.00
VIVI 625 728		7.7		3 60 2 60 3 61	ज • क क क	5.5	97.1	1. P.	0 4 6 6 7 6	97.4	4.00	क हर्न १० ४ १० ५	7.7	7	37.4	5.7
88			S 0	44	25	in a	p. p	7.7	• •	en ed 2 3 0 (5		1.0				
vi vi 8		2 3 1 · · ·	(F 0 4	37		9 2 6	7.7		14 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	# 6 6 6 1 • 6 6	•	• •	্র ১ ৩ ১ ১	• •	4 9 9
VIVI 88		7.7	• •	64.7	34.0°	5 L	2.00	भ त	स • ११ ११	9- C	क त • • • द • द	ब व । । १ १		07. 01. 01.	0.000	100. 100.
8 30 1 1 1 1		7.01	•		0 g g .	46 46 46 46	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3	3 ·	99. 94.	5°00 5°00 5°05	# # 600 700 700 700 700 700 700 700 700 700	, ,		000	107.03 155.e7
80			0 0	7	• • • • • • • • • • • • • • • • • • •	\$ 1.00 m	3 5	1 1	3 3		4 0 5 5 4 0 5 5	# 4 0.00 0.00			L 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEITING							VISI V	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	٨١	S) Al	4	e Al	2 2%	N Al	۲۱ ۲۰	VI 3.	- AI	≱ Al	∦ ∧I	S VI	Y 5/16	۸۱	o Al
NO CEILING		. ,	0 P	1. 1	27° 8	3.0	- C	1.01	# · · · ·	1 0 0 0 0 1 0	2 : 2	2:01 51.00	1 0	23.1	12 4 1 4 1 4	
VI VI 00081 00081			# # # #		13.	0.1	1	€ 6 € 1	3. T. J.	1 • : E 1 • C		51.6	5 8 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0 1 0 0 0 1 1 0	\$ 1.5 \$ 1.5	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 .	•	7 G	3	5 4 2 2 2	# 2 5 5 5 € 8 4 5 € 8 4 5 € 8 4 5 € 8 4 5 € 8 4 5 € 8 4 5 € 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5 0 0 C	5.5.2	53.2 67.4	F 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		2 - 3 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	53.0	, ,
VI VI 000 000 000 000		i i		64.5	6	:50.	1 0 1 2 2	5 5 3	્ર જ જ	स • दिस्	5 - 3 G	5.00 m	3, to 6 40 5 47	د 5 م م	8 8 0 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VIVI 000 000		•	7.5.	2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	74.0	73.01 73.01	7002	75.3	70.	75.5	7501	7 5	da i era pro p tro tro	27 C		70.2
90 90 41 A1		5 T	7	27.	7.0.5		64 6 6 6 7 6 7 1	100	* 0 2 3	7 • 1	7	F1 ()	7.00	- C	10°0	71
VI VI 002 004 008		7	7.02	1. V	75.6	·	• • • • • • • • •	· •	• •	1 (0 • 4 0 • 4	i		2) 0 	⊒ ह • • • • •	7.6° E 0	1 0 2 m 0 m
3300			1 F.	- 3	K #4	n Q	0 h	10 pc	•		5 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 6 C C	5.5°	0 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	0 t
1 \ 1 \ 2000			•		, ,	.	3 0	- A	•	4 (1) 4 (2) 74 (3)		41.6	12 15. 14 15 14 15 17 15	7 • S 5	400	y 17 • •
71 VI		1 1	• •	# G	73 E	• •	9 6		• •	0 2	6.0		3 3 6	မ ချာ များဆာ (မ ဘာ)	ध त ए व ए	55 4 5 5 5 5
:			4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 10	.3 (c. y)	• •	F 10 1			· 5		2	• 0, • 0,			50
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88 88		-		7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		SP RET					1000	က် ကာ လေ မ ေတာ့ အမေ			1	
1			4 F-4 F-4		2.5) 10 m	C C :			0 0 0		()			C E	

CEILING VERSUS VISIBILITY

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NOUNS (L S T) PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						 	N VISI	BILLTY (ST.	VISIBILITY (STATUTE MILES)	ES)	:				 	
(FEET)	N S	۸۱	\$0 A1	AI	E AI	N 2%	~ Al	۷۱ ج	VI Z	- AI	¾ Al	* Al	X X	Y 5/16	.⊀ Al	O Al
NO CEILING		,		7	· •	1	1	6. 5. C		1 - 1 - 3 - 1 -	7.00	7.007	F	1. S. 1. S.	7.27	45.7
VI VI 00081 VI 00061				(a)	r~ •	70 to	7 m	F		1 2	70.7	70.7	10.7		76.7	7 . 7
12000				F- K-	1- 1-	2 S	71.	2 () m) m	7 1 2 6	71.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.2 S	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7	73.6	71.07
VI VI 0000 0000			7 7		• •	0.0		4 0		(1 - 1) (1) (2) (3) (4) (4)	2 · 10	3. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	2 2 2		C 61 20 30 30 30	ा ख ल ब १
908 7000 7000		• •	4 4	2.0	200	 	0.14	01.9 01.0	F 13 • • • • • • • • • •	5 • £ >	91.3 51.03	31.3 31.3	2 ● € 3 2 ● € 3		91.3	(10 to 10 to
0009 A1 A1		* 1 mg/	7 CV	• 0.4	. • 15 . • 6	7 : 30 : 0	10 mm 10 mm	6 T	€ (0) • • • • • • • • • • • • • • •	Fig.	91.6	ۥ15 ۥ16	3 0 € 1 0	9•16 2•16	2 ° 1 2 ° 1 25 ° 1	F-1
VI VI 4500 4000		•	20	2.7	6 0 0 6 1 0 6 0	€ £ •• °1 •• °1	33.60	10 Cm	7 1 .	10- 11 1 	* ** *** ***	 * 10 & 0	0 ° 2 ° 0	C • 7 5	91.9	A
3300			23 6	F- 30 F 01 P 02	5 ac	₩ ₩	5 5 14 5 5 6	Ç (₹ († († († († († († († († († († († († († (2 · 2 · 3	1 3 6 7 C		(1) -4 (1) -2 (1) -25	60 em 60 u 50 u	ं का का का क	€ . 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1
1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×				6. 6.	1	- ;	4.70	7.00	や・ かかか	47.7	57.7	57.7	6. C.	2.4.6	57.72	~ ; • ; • ;
VI VI 88 82 1500			 			# # # #6	7.0	7	E • 5 €	3 • 6 a	0 3 0 3 2 2	32.	; (°	0 0 0 0 0	() () ()	> 0 0 0
VI VI 1200 1000		*- 1~	6 e	35 * * * * *	事で	ं 6	# ecc	21 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	f	6.	000	0.00	15.00	000	F 0 0 0 5	100
8 8 AI AI		r	* 0 * 0 * F		, , , , , , , , , , , , , , , , , , ,	* °	7.000	6 0 5 0				10 10 10 10 10 10 10 10 10 10 10 10 10 1) 	0 0 104 104 104	
VIVI 88		• •	े हैं 14 19 15 19 14 18	(F)	90 ° 7	m 25	0 0 0 0	7.60		• •				1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
VI VI 88		• •		a • # • # • •	F- F- C G	5.00	60.7 65.7					•	•	• 1		
N N		•	• • • • • • • • •		7.0		\$ 6 0 C	7.0				() () () () () () () ()	000		E 0	
VI VI 8 o		i- ;	• • • • • • •	1 2 3 9 4 U	2 ° ° °	^ ^		~ €.		•		0 0 0 0			5 0 6 0 6 0 7 1	() () () () () () () () () ()

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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				•												
CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2	۸I	so Al	۸I	es Al	1 2%	۵ ۸۱	71	Ž.	ĀI	چ ا۸	₽	% Al	≥ 5/16	is Al	٨١
NO CEILING		•	** 5	35 €.	• •		3 C		م ا موارد دوارد	6	15 E	0, e 8 (4 8 (7)	5 3 5 (3 .	् व स्र	. v = .	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
VI VI 00081 VI 00081			-4-	13. 13	3 # 2 43 2 43	3.7		155 P	P	3 J	-, ^	• •	7 3 0 73 0 73	2 4 2 4	2 0 0, 0, 0, 4	() ((4) (4) (4) (4)
V 1 V 12000						70 E 2	5 V	- 1		(3) (3)	m, v		• •	150 m	C . 2 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3	
VI VI 000 000 000				7 C:	# 7 6 % # 0	0.00	71.5	1.	71.7	76.27	70.7	72.7	•	72. E	70.0 75.4	72.5
VI VI 000 000 000		,	4. 2		74.5	3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	77.1	7. 3. 3. T	77.7	75.0	7 ?	70.3	40 40	(·) /-	7.00	7 (S
1				- 1-	12 to	3	77.6	6.00	7		€ 100 0 00 0 00 0 00	6 C	13 6	3 7	70.6	79.67
VI VI 4500 400			4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- Fr	7 . 7	fo. 3	72.07	N . 0		7.00				E 1	E	
3000		-		() J	3	. 3	(N) (N)	,		7	2.2	* *	• •		17 17 17	1 K
1 × 1 × 2000		<i>(*</i> .		- 3 4.0 • 4.0 •	2 4. 2 4.	Ç: →	23.0	• •	7. C	0 0	2 (*) 6 L	ا ا ا ا ا ا ا ا	•	7. T	27 4	19 19 10 49 10 49
VIVI 0081	! !		• 4	٠.	-	• •	37 10	ा । अ	-		2. F4		() d () ()	10.0°	4.95	3 10 6 8 31 fts 7 31
VIVI 1000			· • • • •	,	() () 4. () 4. ()	 	μ 	3. T €	•	7.4.7.7	• • - ::		1- to - 2- d - 3	7.70	67.9 38.83	3.7.5
& & 8 &		• •	• •		1 fo t of t of	40 B	• • • • • •		10 de 10 de	27.5	24.	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	# ·	7. 0. 3 2. 3 3. 3 5. 3 5. 3 5. 3 5. 3 5. 3 5. 3 5	30 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 ° 00 °)) • • • • • •
8 %		•		1	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 y	96.1	5 * 4.	7	1. 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	€ (20 • • • Æ • Ø	74 स्त १. १ १२ १	ιη ω * *) 6° .) 6° .)	5 5 . T	
VI VI 00.00 00.00		•	• •				िक १५ १५	7	•		10 h	\$ m 	6- 6- c C U C	0 % CL 3 L 5	000	2 P
8 8 8 1 A I A		•		Jan. Fr.	8 47 30 7s	• •	10 0 4 4 5 70	: 5 r- r		•	6 p	13 (1) 40 (0) 50 (3)	4.5	9 0 7 0 9 0	3.5°	٠ ٠ ٠
80				, ·	•		<u>।</u> उ.स.	7 2 2	,	\$ G		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	ङ्ब १ ह १ ह	3 4 0 6 0 6	6 0 0 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

				PERCE!	ENTAGE (FROM	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	FREQUENCY OF OCCURE HOURLY OBSERVATIONS)	Y OF (OCCUE	RENCI	ш			•	E S 13 SERIOR	- 1
CEILING							× × ×	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	۷۱ 5	ν Al	۱۵ Al	VI 4	N AI	17 2%	AI	۷۱ ۲	۷۱ ۲۰	_ ^I	¥ ∧i	* AI	S VI	Y 5/16	.× Al	0 A1
NO CEILING			. 4 / . 4 / . 7		3 49 %	च क 3 क 2 क	77	7 → 7 ← 1 ←	7.00	3 m	1	70.7	7 4 4 5 7 4 4 5 7 4 4 5 7 4 7 4	13.45	7 7 8 8	64.2
VI VI 00081					74 · 37	ा । जिल्ला जिल्ला	77.1	27.	2 0 C C C C C C C C C C C C C C C C C C		7 7	7 7	7 7 7 6 7 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7		6 - 6	, , , , , , , , , , , , , , , , , , ,
17 17000			7 d		74.5	74.	77.8	7.7.7	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	7	3° € 3° € 4° 8°	72.	70.4	1	7 2 • 4 2 7 • 33	70.4
VI VI 000 000 000 000				# 7 - ? - ?	# 1 **	() ₹(• • () • ()	ਹਨ ਭ	N 0	6. (*) (*) (*)	λ • 3 • 4 • 3 • 4	\$ 10 mg	26.5	77	7.6	56.00 57.4	10 to 00 to
VI VI 0007 0007		• • •	7.4	F. 3	L pr	12 u3	6 · 0 · 0			• •	7 · 0 · 1 · 0 · 1 · 0 · 0 · 0 · 0 · 0 · 0	F		• • • • ••• •• •• •	. • • •	• •
00 00		1	74.0		ា ។ មា មា កា ណា	र्क ४. फ	() () () () () ()	37 33 27 33 37 33	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 - F	(F) (S)	5) (: • • • • • •	• • • •	1.1.7	71.4	* * * * * * * * * * * * * * * * * * *
VI VI 4000		(:)/:	7		36 • 1 36 •	## 15 0 0	\$ 600 600 600 600 600 600 600 600 600 600	(1 € 60 (1 € 1 € 1 € 1 € 1 € 1 € 1 € 1 € 1 € 1 €	1 60 1 0 20 0 20 0		31.3	≥	क. .	2 • 3 ° 2 • 3 °	7 	
3500		•		* (2 * * ** * *	37.5	7.1	60 (A)	3 9 6 7		~ · · · · · · · · · · · · · · · · · · ·	5 EU 5 EV 5 S	F. (4	3	4. J	\$ \$. \$ \$. \$ \$.	
!		~ .		a) (। ज () ज ()		10 00	3 m	် ယံ င• ()	() () () () () () () () () () () () () (0 0 0 0 0 0 0 0	0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 % 0 %	33.5	\$ 14 2 1	50.3	0 m	
1			77.	े • • ऽ ए	် ဘော မှ	on 42			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3 F3 6			O BL	7 0 0 U	4 4	
					- P F		7.0	1 p 6	भ (° 6 इ. जा : - (° -	 ১ ১३ १ ७ ६		\$ -4 -4 (44 -4 (7 -4	4 C	4 0 0 6 9 7	0 4 4	
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TOTAL NUMBER OF OBSERVATIONS

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80

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88

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

YEAR

MOURS (LST)

CEILING							× ×	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							N VISI	VISIBILIT (STATUTE MILES)	ATUTE MIL	ES						
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3 C Mount (1.5 T)

HONTH

CEILING							N VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
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& & AI AI		• •	• •	1 .F		2 6	5 m	3 C	1		36	1 · · · · · · · · · · · · · · · · · · ·	u`	14 G	0. 00 C	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL ST

CEILING							Şİ	VISIBILITY (STATUTE MILES)	ATUTE MIL	 <u>@</u>						
(FEET)	۸۱ 2	۸۱ د	N Al	VI 4	es Al	N 2%	7	۲۱ چ	% AI	~ AI	≱ Al	æ ∧i	Z Al	2 5/16	Z AI	O AI
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VI VI 00081 00081			P P		7	6 6 6 6 6 7	21.0	31.6	21.5 31.5	31.	31.6	21.00 E	31.6	31.0	31.6	71.6 31.6
V 1 V 1 4000			F	*** (N	F (3)) • ()	3.2.6	1.0	3 * € €	23 (8) 24 (1) 80) 20	5 m	21.5	31.6	310.	31.6	31.6
9000 41 41				3 6 2	7 0 1 30 1	2.6 36 36	36.5	9 3 2 2 2 2 3 2	1 10 0 3 5 7	ु ५ ५ ५ ५	(1) (1) (2) (2) (3) (2)	36.5 36.5	5 L	36.5 36.5	36.5	10 to 10 to
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\$ <u>\$</u>			1 5 3 5 3 5	07.4	त e 0 3 0 7	F- (1	99.00 000	្រ ទ ព - ព	2007	90.7	F. C. C. C. C. C. C. C. C. C. C. C. C. C.	6.00	F 0 7	\$ 00 C	5.00°	6 C
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CEILING VERSUS VISIBILITY

HOURS (1.8 T .

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
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1400 1700			1 0 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	3 0 3 0 3 3	3 3	6.2	47.2	1 7	en 6.	7.7	R 7 e 1	47.4	1 0 0 T	47.1	5 7 . 1 4 . 7	# 1 (** # 1 (*) # 1 (*)
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≥ 8000 ≥ 7000		6 K	5.01	3	5 2 . 7	60.3	3.63 9.63	7.0 C	2	6 . • . 6 3 • .	5.0	6.10	3 . 3 5 . 3	00.00 61.0	60.39	27 () 49 (9) (0)
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3300		7 m	7	13 for 13	10 m	7 M	13 W	6. 40 21 15 11 15	K 10	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	62 32 33 10 10 10	7.4.2	€ 41 B €	14 47 50 E	3 2	7 . L
1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×		r	- क् क्या प्र	0 3 3 6 5 7	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	€ 65 •4 63	8: 10 ex 2 on 0	≥ (7)	4 4	** C **	01.3	5 1 5 5 5 4 6 7 7 4 6 7	F. U	6 • T ·	M . T .	10 m
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 S T) SHOOM HONTH I

							Vis	IBILITY (ST.	VISIBILITY (STATUTE MILES)] [3]						
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2000		•			7 ~	7 U		200	1 6	• •	100	13.7		2.63	59.7	54.4
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING							is iv	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)					:	
(FEET)	A1	۸I	so Al	AI	es Al	17 2%	N N	۲۱ چ	VI Z	- AI	≱ Ai	# Al	% Al	≥ 5/16	¾ Al	0 11
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							SIV	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	۰ ۸۱	ν ΛΙ	۸I	N Al	N 2%	N N	VI 72	AI	 Ai	i₹ Al	₽ Al	Z Al	N 5/16	× Al	0 Al
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (EST)

ROSTA

CELLING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£3						
(FEET)	5	۸I	so Al	A1	AI .	> 2%	~ Al	VI 25	VI VI	ĀI	≯ Ai	# ∧I	S. VI	≥ 5/16	A1	0 A1
NO CEILING			5 T	7.7.			7) p.		F 8 5 7	7.6.	7.0.27	75.7	70.7	16.7.7	05 • 7 76 • 3	7.5.7
VI VI 00081 00081			1 .	# # T	7		# 2 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7	7 7	76.5	76.03	\$ 002	26.05	76.3	75.07
1400		•	- 2		7.1	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	74.7		75.5	7007	7.02	76.7	2 • 3 <u>2</u>	76.5	7 3	76.03
V 10000				10 13 10 11 10 11	7 7		No es Co es Pro k	E 1		1.2	1 m	36.0 32.7	\$ 600 5 000 5 b>	2.2.2		
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0005 A1 A1			ار م	() () () () () () () () () ()	• •	. • 1 • 5	10 Mg	F	# 5 # 보 다 기	5.07				7	7.0	1. 3 1. 3 1. 3 1. 3 1. 3 1. 3 1. 3 1. 3
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

HOURS (L S T .

HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							SI.V	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£S)				,		
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL S.T.

VISIBILITY (STATUTE MILES)

1	CEILING	 						NIS.	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH MOURS (L S T

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	۵ ک	٨١	AI	۸۱	M Al	Y 2%	7 A	V1 72	× 1	- AI	₩ Al	∦ Al	X.	≥ 5/16	.₹ Al	0 Al
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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• MONTH

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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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& & ALAI			7 7	F 1)	0.0	17 Fe	6 () 3 () 3 ()	3.00 mg		\$ 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	प्रस्कृत १६०३	\$6.0 \$9.3		96.3 96.7	56.30 96.7	10 Pm
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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3300				# *** *** *** *** *** *** *** *** *** *	8007	6.9 kg 5	77.5	72.07	3 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	76.1	76.7	75.8	100	77.1	31.3	17.
12 12 20 00 12 12 12 12 12 12 12 12 12 12 12 12 12			0 0	7 · 0	3 · · · · · · · · · · · · · · · · · · ·	76.	81. 4 4. 4. 5	7.	# FT	(4) (5) (5) (4) (7) (7)	2 € 2 € 2 €	0.00 B	€១ ជា ១០ ៩ ១៨ ៤	96.3 52.1	51 PM	5 G G G G G G G G G G G G G G G G G G G
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							S N	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING		İ					VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (E S.T.)

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CEITING							SIA	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							SI >	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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CEILING				ļ	į		VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)	<u> </u>					
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOUNS (L S T)

CEILING							NISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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CEILING VERSUS VISIBILITY

HOURS (1.5 T.)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS (LST.

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (LS 7)

N.C.Y.

CEILING			 				NIS!	BILITY (ST	VISIBILITY (STATUTE MILES)	ES				; ;		
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

MONTH

22							N Six	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES						
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CEILING VERSUS VISIBILITY

YEAR

MONTH MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ENCY OF OCCURRENCE

CEILING							Vis	VISIBILITY (STATUTE MILES)	ATUTE MILI	£3)						
(FEET)	VI 5	۸۱	SS AI	AI	N AI	17 2%	N N	VI Ž	۲۱ ۲	- AI	₩ Al	₩	S.	¥ 5/16	AI	O Al
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (L S T)

○ # HOWTH

CEILING							NIS!A	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(PEET)	۵ ا	۸۱	SS AI	41	e Al	N 2%	K 7	¥.	VI VI	۸۱ -	¥ Al	a₽ Al	S Al	≥ 5/16	Al	٨١
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMO

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Nouns (L S T)

N. C. L.

CEILING							VIS.	VISIBILITY (STATUTE MILES)	ATUTE MILI	(S)		ļ		ļ		
(FEET)	N 0	۸I	۸۱	۸I	E AI	> 2%	K 7	۲۱ ۲	¥1 YI	١ ٨	* 1	* 1	% Al	≥ 5/16	N N	٨١
O CEILING		• •	2 4	f. 3			(4) (1) (2)		14 £	54 6 5 5 6 6	0 के इ.स.	1 0 0 0 0 0	0 0 0 0 0 0	(4 0) (4 0) (4 0) (4 0)	1. 0 2. 3 3. 3	(): 40 (): 40 (): 40
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1 10000				5.4.2		5.03	69.7	19.7	7.0.7	, .	50.39	5.9.7	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	59.7	5.00	7
0002 A1 A1		20 pm 	1	73.4 F. 6.5 F. 6.5	7 · 57 /	74.3	74.0	100	# 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1 # 1	74.5	74.0	74.2	74.01	74 • 1	74.5	र । • • अ • • •
0005 AI AI		स्त की • ८ :	73.4	त्र ज • ११ १	3 4 3 €	3 • 6 % 7 • 6 %	740.	14 · 10 · 10 · 10 · 10 · 10 · 10 · 10 ·	7	ल्लाक्ट इक्काइट	74.37	3 ° 5 £	4 ° 3 £	75.0	74.5	74.0
VI VI 000 000 000 000 000 000 000 000 000 0		• •	7.0.7	75.8	7	76.3	75.01	76.1	76.1	7.007	76.07	75.01	75.8	75.01	76.1	100
3000		• • • • • • • • • • • • • • • • • • •	ધ ;ે ે દ. દ• ઝ	5 P	2	20 M	70°07	7 (c) (c) 80 (c) 40	0 -0 0 -0 5 -0	7.00	72.8	70.5	7	79.8 33.8	9.07. 9.3.5.9	e e
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71 VI VI VI VI VI VI VI VI VI VI VI VI VI			• •	3	• •	1.5	7 3 6 7 9 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1.50	1. C		3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	\$1.6 \$3.5	5 P)	ψ• 1 0 Φ		e.)
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& & & &		7	0) (*) 6 6 6 7 6 7 7	3 12 2 12 2 2		ស្រ ស ស ស លា ស ប	#1 P	<i>p</i> ⊕	€ 40 30 °	ड ड • • • • • •	3.00	(Q • 3) (2)		2	0 . a . c . c . c . c . c . c . c . c . c	0 40 4 0 4 0 4 0
VI VI 8 8			3 0	en en e e e e e e e e e e		្ត ល ភ្លាំ ឃុំ	26.00 37.00	M1 ∪ B M2 C C	P 0 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 0	6 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 .	100	3.90	5.60	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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STATION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (L S T)

HONTH

CEILING							V1St	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES						
(FEET)	N)	۸۱	S) Al	AI AI	es Al	1 2%	AI	٧١ ۶	AI Z	- Al	∦ Al	# Al	Z Al	≥ 5/16	≱ Al	٨١
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V 1 V 12000			F 3	7.3.57	7	2.5	, k.	17.50	1 6 6	7.5.67	71.0	7.00	1. P	70.0	70.07	7.00
VI VI 0000 0000		, , ,	7	2.5.4	7: 1	4 0 0	75 • i 75 • i	15.1	75.03	7 - 1	76.4	7ۥ4 76•3	7 / a th	70.12 70.0	76.4	70.5
8000 1 × 1 × 1		* *	4 7	7 1.00	7 7	7 A	7.3.5	0 °	7 19.	77.	77.00 m	73.8	70°	70.8	73.3	7
0009 AI AI		4 4	7 7 . 4	1 4 F	12 m	3 6.	1	F4 11	# 0	• •	10 ° L 2		1 P	1.1 mm	10 to 10 to	1 e
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURR (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)					 	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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00 00 2000 14 14		P. P.	65. 61.	4.63		O.	F - 1 / F	3 / ·	. e-	3.00	74.5	74.	76.00 75.00	7.4 7.5 7.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	74.7	75.F
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97832 CECIL FIELD, FL

STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG!	E FREQUENC	Y OF TENTE	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	8	4	v.	9	7	80	٥	6	SKY COVER	OBS.
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	\$ D	30.4			19.6						14.7	35.3	ر ع • 3	376
	1.3	18.2			25.6						22.4	33.8	6.2	338
	6	F - 6 I			21.1						27.3	33.1	37 40	30.8
	13	15.0			19.7						35.2	28.2	F.7	808
	42 -4	14.7			26.3						29.9	28.9	# • vo	378
	13	19.3			28.6						20.5	31.2	υ •	8 C (C)
	22	31.3		-	17.8						14.0	34.4	M. ·	80.8
TOTALS	SI)	22 · 4			F. 60						22.5	32.4	& C)	2461

93832 CECIL FIELD, FL

STATION

STATION NAME

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F S S HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	08S.	282	282	282	282	282	282	282	282	I			2256
MEAN TENTUS OF	SKY COVER	4.7	5.2	6.0	6.1	6.1	5.1	ب س س	4.7	-			9.3
	10	27.7	33.3	37.6	33.7	27.7	20.8	30.9	28.2				30.7
	6	15.2	13.1	15.6	23.0	29.1	27.3	20.6	16.7				20.1
	æ												
SKY COVER	7												
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	9						İ						
Y OF TENTHS	3									-			
FREQUENC	4												
PERCENTAGE	3	er eo	22.7	28.4	21.3	24.5	21.3	3 %	23.4	!			23.6
	2												
	-												
	0	#೧ ಟ M	30.9	13.4	C - 22	18.9	21.6	20.2	34.8				2°.6
HOURS	(L.S.T.)	ii.	# 3	1.5	-:	1.3	9 	2.1	22				STN
	MONIE	۵. این اد											TOTALS

91932 CECIL FIELD, FL

STATION NAME

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20-21

	HOURS				PERCENTAGE	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	•	_	7	m	4	5	9	7	80	٥	01	SKY COVER	NO. OF OBS.
α 4 5	C:	28.4			27.4						16.5	27.4	£.	316
	ů.	26.1			23.5						17.7	32.6	5.6	310
	Lü	13.5			36.5						26.5	ម ម ម	80 • 80	310
	3	1.0.1			27.2						29.0	29.7	6.3	310
		10.3			22.0						36.8	30.0	7.0	310
	1.5	₩ 65 4			24.2						38.7	26.8	6.9	210
	~ ~	12.3			28.1						25.5	34.2	\$ •	310
	65	25.2			28.1						21.3	25.5	ης • ος	310
101	TOTALS	12.1			25.5						2.6.5	30.08	2.3	2480

97832 CECTL FIELD, FL

STATION

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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MONTH

	HOURS				PERCENTAGE	F FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
E Z O	(1.5.1.)	0	-	7	m	4	5	9	7	8	6	10	SKY COVER	OBS.
Y A	1.	31.3			27.7						23.5	17.4	4.7	310
	3	25.3			33.9						21.3	19°C	au •	310
	10	15.2			32.3						29.7	23.9	٥٠ ١٥	310
	:) #4	17.3			31°C						8.0.4	16.5	6.4	310
	13	r.			26.9						46.5	21.3	7.1	310
	⊅ ċ	3 (r)			26.1						36.8	28.7	7.0	310
	5.4	11.6			30.0€						27.4	31.0	*3 •	310
-	22	25.5			28.7						23.2	22.3	5.2	310
TOTALS	, its	17.€)°02						31.	22.5	0 · v	2483

CECTL FIELD, FL 28326

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MONTH

T T T	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	1
MORIE	(1.5.1.)	0	1	2	3	4	5	9	7	89	٥	01	SKY COVER	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
MIII	10	€*51			39.3						24.3	17.3	5.1	300
	ar CO	1001			43.3						22.0	15.3	G: *	300
	23	6.7			30.3						33.7	18.3	8.0	330
	: ·	4.6		_	32.3						47.0	13.0	& • &	336
	1.5	ु • इ			บ• ท2						57.3	17.7	7.6	300
	7.1	1.0			22.0						40.7	27.3	7.9	300
	51	E7 •			23.0						32.7	41.3	7.8	300
	22	17.0			22.0						31.3	29.7	3.0	300
TOTALS	SI	5.7			χ; • Ω						37.3	22.5	6.5	2400

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STATION

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MONTH

STATION NAME

PERIOD

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
E ZO	(L.S.T.)	0	_	2	3	4	5	9	7	8	6	01	SKY COVER	OBS.
J.:J.	17	1.6.1			3005				-	i	28.1	14 . 3	2 •	310
	*iC	17.7			46.3						23.2	12.0	φ; 3	310
	70	7.4			5. 4 5. 4						32.6	16.5	5. 4	310
		7.1			υ• - ω• - ω•						43.7	1a • 2	5.7	310
	M				9.						56.1	16.8	- a	310
	<u>-</u>				22.6					! ! ! ! !	ស • ល ជា	31.9	C G	310
	Ŭ + 4	·£			5112						34.3	45.6	e.	310
	6.00	a, •			35.0				• • •	! ! ! !	\$2.9	2.85	ئ. بر	310
										!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	4			
						+								
								-						
TOTALS	ALS	•			31.9						59.3	21.0	£ • 7	2490

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STATION

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PERIOD

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MONTH

i i	HOURS			PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
E NO	(L.S.T.)	0	2	e	4	5	9	7	8	6	10	SKY COVER	OBS.
Silv	7.0	10.4		ž • 5 1				-		2402	16.1	₽ •0	310
	a C	-		0.00 0.00					i	2002	n•6	4.3	310
	F:	70 %		47 • 1						31.6	11.9	ມາ ທ	310
	<u>.</u>	6 ;		0.05						54.3	7.0	6.9	310
	-			ः • ७						71.3	11.9		311
<u>+</u>	1.			25.3						51.0	26.8	7.0	310
	5	ý• [2 • 52						38.7	34.5	7.7	010
	2:	10.6		34.5						32.4	22.3	6.2	310
									;				
TOTALS	VIS	1-		34.7						ស • ប ខ	17.8	6.5	78.45

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PERIOD

	HOURS				PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	FREQUENC	Y OF TENT	IS OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	-	2	8	4	٠,	9	7	80	٥	01	SKY COVER	0.0 S. o
43. 44. 1	10	17.7			€ • 5 ₩						21.7	18.3	5.0	20 M
	ć	17.			47.3						20.7	15.0	or -	300
	Fr.	**			1- + + +						33.7	15.3	0 un	333
	•				27.72						49.7	₩ • 83 H	7.0	Big
ļ	K7.	•			17.71						64.0	17.3	C .	300
					22.7						41.3	M	7.9	205
					26.3						29.0	35.7	7.4	350
	6.	14.3			20.4						F1 C4	20.7	6.2	375
1														
i I														
101	TOTALS				3.0.1						35.7	2.7.0	4) •	2 th D D

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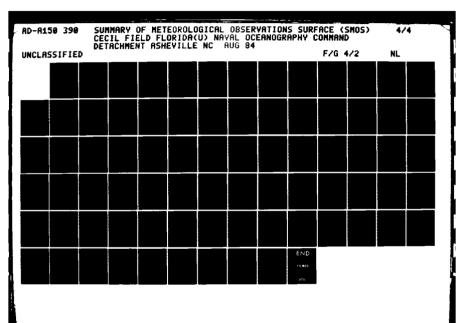
25-11

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T C T

PERIOD

HOURS				PERCENTAGE	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN TENTHS OF	TOTAL
(1.5.T.)	0	-	8	8	4	5	9	7	8	6	10	SKY COVER	OBS.
	7. 7.			4. 6.2 C						17.7	13.4	4 · 1	310
,	ر ا ا			f)						17.8	17.1	4.2	310
	ज•८•			€: #7: **						E ♣ ☆ ₹?	18.4	3	다. 전 전 전
0.00	24.5			C.2						28. 8	£.	67 •	310
	3. □ • □			# · · · · · · · · · · · · · · · · · · ·					ļ	41.0	0 ° 0 ° 0	Α. •	310
· -	11.			33.2						#: ************************************	2 t C	ر. د و با	#13 ### #/1
	21			30.4						15.7	45 0 10 03	r1	210
; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	3,00			29.7						11.	6.	2 . 4	310
TOTALS	2 0			2						(°	C.		C (4)





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93832 CECTL FIELD, FL

STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TENTHS OF NO. OF	SKY COVER OBS.	4 5.0 295	1 5.2 295	4 6.2 296	3 5.6 297	9 6.6 297	2 6.2 297	9 5.5 297	6 5.0 297			
	2	26.4	28.1	32.4	25.3	24.9	24.	23.9	30.6			
	۰	18.3	18.3	23.6	26.9	38.7	32.0	25.6	14.1			
	80	1				}			j j			
SKY COVER	7											
101 AC	9											
T OF TENTH	5											
FREGUENC	•											
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	3	23.7	23.1	27.0	22.6	20.5	30.3	9. 92	22.9			
	2											
	1											
}	0	31.5	30.5	16.9	25.3	15.8	13.5	23.9	32.3			
HOURS	(L.S.T.)	10	† C	10	01	13	16	10	22			
MONTH		AON										

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MONTH

HOURS			l		PERCENTAG	E FREQUENC	CY OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN TENTHS OF	TOTAL
(L.S.T.) 0 1 2 3	1 2	2		3		4	5	9	7	8	6	91	SKY COVER	OBS.
01 33.6	15.	רע	רע	רע						1	15.6	35.2	5.4	301
32.1 19.2	19.	•	•	•							12.9	35.8	5.3	302
27 17.8	27.	•	•	•							16.8	38.2	6.1	304
10 10.8	54.0	•	•	•							22.4	34.9	6.2	308
13 14.5	.5	•	•	•							31.6	29.9	9•9	304
16 13.8 27.3	3.8	•	•	•							28.6	30.3	4.9	304
19 23.7 26.4	26.	26.4	26.4	26.4							18.1	31.8	5.6	568
22 32.8 22.4	.8	•	•	•	1						12.7	32.1	5.0	568
										ļ				
)		
TOTALS 23.4 23.3	23.	3.	3.	3.							19.8	33.5	5.8	2417
					_									

93832 CECIL FIELD, FL

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ALL

HONTH

4 5 6 7 8 9 10 SWCOVR 6.00 22.5 32.4 6.00 20.00 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 6.2 30.00 5.00 5.00 5.00 5.00 5.00 5.00 5.0	+OURS					PERCENTAGE	FREQUENC	Y OF TENTH	IS OF TOTAL	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER				MEAN	TOTAL
22.5 32.4 6.0 20.1 30.7 5.6 26.5 30.0 6.2 26.5 30.0 6.2 31.0 22.5 5.9 31.0 22.5 5.9 31.0 22.5 5.9 32.0 21.9 6.7 40.5 17.8 6.5 35.7 27.6 6.5 24.7 27.0 5.1 24.7 27.0 5.1 28.9 25.3 5.8 28.9 25.3 6.0 28.9 25.3 6.0	(L.S.T.) 0 1 2	-		2		6	4	5	9	7	80	6	01	SKY COVER	OBS.
20.1 30.7 5.6 26.5 30.0 5.6 26.5 30.0 6.2 26.5 30.0 6.2 31.0 22.5 21.1 31.0 22.5 5.9 31.0 22.5 5.9 31.0 22.5 6.5 40.5 17.8 6.5 23.9 20.9 5.1 24.7 27.0 5.7 28.9 28.3 5.8 28.9 25.3 6.0	ALL 22.4					22.7						22.5	32.4	0.9	2461
26.5 30.0 6.2 2 26.2 21.1 5.3 2 31.0 22.5 5.9 2 31.0 22.5 6.9 2 37.3 22.5 6.5 2 39.0 21.9 6.7 2 40.5 17.8 6.5 2 23.9 20.9 20.9 5.1 2 24.7 27.0 5.1 2 24.7 27.0 5.1 2 28.9 25.3 5.8 2 28.9 25.3 5.8 2	25.6				-	23.6								•	2256
26.2 21.1 5.3 2 31.0 22.5 5.9 2 37.3 22.5 6.5 2 39.0 21.9 6.5 2 40.5 17.8 6.5 2 23.9 20.9 20.9 2.1 2 24.7 27.0 5.1 2 28.9 25.8 5.8 2 29.0 25.3 6.0 2	19.1	-	2	2	~	S						26.5	30.0	•	2480
31.0 22.5 5.9 2 37.3 22.5 6.5 2 39.0 21.9 6.7 2 40.5 17.8 6.5 2 35.7 27.6 6.5 2 23.9 20.9 5.1 2 24.7 27.0 5.1 2 24.7 27.0 5.1 2 24.7 27.0 5.1 2 24.7 27.0 5.1 2	25.0	υ• • α	2	2	~							9	•	•	240(
37.3 22.5 6.5 2 39.0 21.9 6.7 2 40.5 17.8 6.5 2 35.7 23.6 6.5 2 23.9 20.9 20.9 5.1 2 24.7 27.0 5.1 2 29.9 25.3 5.8 2	17.0		2	2	~	9.6						31.0	22.5	5.0	248
39.0 21.9 6.7 2 40.5 17.8 6.5 2 35.7 23.6 6.5 2 23.9 20.9 20.9 2 24.7 27.0 5.1 2 19.8 33.5 5.8 2 29.9 25.3 6.0 29	7.6	۲.	in .	jų.	Ä								2.	•)0 72
40.5 17.8 6.5 2 35.7 27.6 6.5 2 23.9 20.9 5.1 2 24.7 27.0 5.7 2 19.8 33.5 5.8 2 28.9 25.3 6.0 29	7.3	m	F	F	F	0		į				39.0	21.9	6.7	248
35.7 27.6 6.5 2 23.9 20.9 5.1 2 24.7 27.0 5.7 2 19.8 33.5 5.8 2 29.9 25.3 6.0 29	7.7	M	ň	3.6	m	•								•	248
23.9 20.9 5.1 2 24.7 27.0 5.7 2 19.8 33.5 5.8 2 28.9 25.3 6.0 29	3.7		ň	m	m	•						٠ د	*	•	240
24.7 27.0 5.7 2 19.8 33.5 5.8 2 28.9 25.3 6.0 29	25.6	\$0 \$0	2	C	(1)	9.0						9 03	•	•	*
.3 19.8 33.5 5.8 2 .9 28.9 25.3 6.0 29	23.7		N	~	~	24.6						*	27.0	•	237
28.9 25.3 6.0 29	23.4		2	8	~	₩)						•	m	ν. •ε	241
	TOTALS 17.9		12	5.	2							60	5.	•	29105

PART

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative The order and manner of presentation follows: humidity.

- Cumilative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumilative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
- Daily maximum temperature
 - minimum temperature Daily
 - mean temperature Daily ن ۾
- Two tables All months values - derived from daily observations with extreme value given for each year and month of record for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. available. Extremes are provided for a month if all days for a month contain valid observations. of daily extreme temperatures are prepared: å
- Extreme maximum temperature Extreme minimum temperature م ہ
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided: ۳,
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and depression in 17 classes spread norizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb which may require two pages in some cases.

A percentage frequency in this table of ".0" represents one or more occurrences amounting to less NOTE:

Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of , sums of values (X), means (X), and standard deviations (σX) . The number of observations used in the computations for each element is also shown. squares (\(\Sigma\)x²) .

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reservations correspond appropriate translation and the contract of the contra

- Mean number of hours is shown to tenths and indicates mean number of hours per year in At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period the annual summary, or mean number of hours per month in the tabulations by month. ວ່
- Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated. Wet-bulb temperature usually was not reported prior to 1946.
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- . Dry-bulb temperature
- Wet-bulb temperature
- c. Dew-point temperature
- Cumilative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumilative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables. ķ
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. م
- The main body of the summary consists of dry bulb temperatures spread vertically in four degree incre-Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. ments and horizontally by eight wind directions (plus calm). ,

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DAILY TEMPERATURES

S 3- 30 CECTL FIFLD, FL STATION NAME STATION

MORTXEY CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (°F)	NAL	FEB	MAR.	APR	MAY	N.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
O AI					7.	1.8	2.5]•[
a'				2.	T V	14.2	26.0	1.00	3.5				5.7
AI			3.	7.9	31.2	56.1	74.1	67.6	n º 62	5.5			27.07
AJ.	9	0	13.0	35.1	5 F . 4	1.6.7	95.8	42.7	77.2	27.7	3.	1.0	42.2
	•	11.	12.6	νţι	300	96.7	3.66	98.0	94.1	63.0	24.2	6.7	57.8
N	. · ·	L	10.		97.5	3065	100.0	1.60	08.3	82.5	40.4	24.8	70.1
S) F	S . W	L.	_	L	5.60	1.0.0		0.301	8.66	63.9	2.69	42.3	79.5
	5.2		(C)		6.65				6.65	686	84.0	51.3	86.9
	1009	77	1	<u>_</u> _	103.0				100.0	8 6 5 5	93.5	76.8	92.5
ari L	R 1 . S.	L	C	6.60						100.0	97.5	89.0	96.2
	4.60	25	0	17.7.9							7.66	9.96	9006
	200	ļ	ļ								3.66	n.60	99.5
	1 •		150.0						-		1 10°C	6.66	6.66
AI	1.00	176.0										100.00	100.0
۸ı											1		
ام													
ΛI													
AI													
AI													
ΛI													
Α.							-		†		- +		
۸۱													
۸ł					~								
ΛI									- 17				
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٨١							1						
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~					1							7	
٨١													
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۸۱													
						- 1						-	
MEAN	1,11	9.9			36.6	8 C • R		99.0			73.5	20.4	79.6
S. D.		5.0.2	3.05	8.9.9	2.567	4 • 355	h - 1 - 1	245.4	4.79	3 a a a a	8.112	684	12.52
TOTAL OBS.		i t	97.	اماما	2 \$ 5	ָבְּבְּיִי ביים	-56	₩5 ,	3.49	۲, د	1 0 10	5 2 6	15.1

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* O M M N II.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

25.4 42.3 54.4 54.4 93.3 40.17.00 0.T. 100.0 90° ANNUAL ٠ ت ن 51.2 0 4.5 91.9 73.8 98.5 19.2 34.7 150.0 0.62610.273 DEC . 3 7 57.4 73.0 7.4 22.4 19.7 36.4 94.1 19.3 3.60 30°C 897 4 51.0 Š 35.2 62.5 79.5 59.8 100.0 930 10.2 7.5AC 60.7 8 4.16 4.60 000 65.6 98.2 6.66 100.01 ند • 3.665 SEP 2.00 930 34.7 2.363 11.6 100.0:100.0 71.9 AUG. 39.6 72.7 0.1 ... 38.1 JUL. 2.6€ 689 3.401 177.5 ... 3.68 J. 31.1 12.6 53.2 5.197 030 1.66 100.0 MAY **~** 6.557 75.4 0 0 14.C 41.0 61.9 9-65 £5.4 APR. 37.6 5.66 76.3 55.7 73.8 6.96 0.3 2005 4.6 100.0 0.011 MAR 32.8 63.4 C.1 . 4 75.3 9.65 10.4 7. 44 1.0.0 ت دن 7.65 547 1.1 . FEB. ٥. د 75.02 1.2 50.4 . E = 2 a ; 25 . . . ; (7) Ϋ́ • ₩ ³ ... 4) : اند ا i. **3** -ځ. TOTAL OBS. (**e**) MEAN S. O. TEMP

NAVWEASERVCOM

STATION

DAILY TEMPERATURES

A ...

1 1 km

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) STATION NAME

1	TEMP (OE)	Z	FEB.	MAR	APR	MAY	NOT	JUI.	AUG.	SEP	OCT.	Š Š	DEC.	ANNUAL
1								•						• 1
1						•		100	17					3.5
1					1.07	18.3	O	87.8	80.1	M	4.0		E-0	7.52
10			•	7.7	19.7	62.8	€. 3.	99.8	98.2	89.9	32.4	6.3	1.0	45.9
10.1 2.0 43.6 49.2 50.5 100.0 100.0 50.6 10.7 10.1 2.0 50.2 50.5 10.0 10.0 100.0 100.0 50.5 40.5 50.5 10.2 2.0 50.2 50.5 50.5 10.0 10.0 100.0 100.0 10.3 50.4 50.2 50.5 10.0 10.0 10.0 10.0 10.0 10.3 50.4 50.5 50.5 10.0 10.0 10.0 10.0 10.3 50.4 50.5 50.5 50.5 50.5 10.0 10.3 50.5 50.5 50.5 50.5 50.5 50.5 10.3 50.5 50.5 50.5 50.5 50.5 10.4 50.5 50.5 50.5 50.5 10.4 50.5 50.5 50.5 50.5 10.4 50.5 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 50.5 10.4 50.5 50.5 10.4 50.5 50.5 10.4 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.5 50.5 50.5 10.		•		73.0	3.7	90.2	39.65	כי	1.66	97.8	63.1	21.6	2.3	56.2
Second Second			21.5	43.8		9.8°	100.0		100.0	9966	2.1	43.6	19.7	4.29
1			30.7	67.5		6.65				100.0	74.5	65.5	36.8	77.6
## 0 1 2 1 0 5 1 2 1 0 5 2 1 0 0 5 3 1 0 0 5 0 1 1 0 0 0 1 1 0 0 0 0 0 0 0 0			57.1	82.2	1						0.80	81.2	6.0	
4.5 0.5.2 0.0.3 58.5 10.0.0 10.0 0.0			76.3	93.3							6.60	93.4	75.1	92.2
99.6 97.2 97.6 99.9 99.5 100.0 99.6 100.0 99		2 % 2	500	38.5	_						100.0	97.8	30.4	3.96
30		. 0	97.6	99.9	1							99°£	97.2	6.85
30 10.0 100.		800		1.0.0								6.65	3066	30°C
1.0.0 1.0.		1.0	L									000	6.66	٥
MEAN "4" 5" 57" 57" 57" 5" 8 0.1 "20" 10" 10" 10" 10" 10" 10" 10" 10" 10" 1		C • D	1										ပ	100.0
MEAN 40 500 700 801 220 915 701 700 801 801 80 801 80 801 80 801 80 801 80 801 80 801 80 801 80 801 80 801 80 801 80 801 801	AI									1				
MEAN 4. 57. 57. 57. 67. 75. 8 .1 .22. 91.6 77.1 62.3 57.1 57. 67.0 57. 57.0 57.0	٨١											1		
MEAN 40 5507 5707 670 770. 8 0.1 20. 9106 7101 7702 550.1 10014 086. 94476 5.557 2.01 974 974 974 974 974 974 974 974 974 974	Ai													
MAN 40 500 500 700 801 201 201 100 100 100 100 100 100 100 1	۸ı													
MENN 40. 5.00 57.0 50.0 70.0 50.1 72.0 51.0 77.0 1 70.0 62.3 50.1 10.4 65.0 5.0 1 70.1 70.0 62.3 50.1 10.4 65.0 5.0 1 70.4 65.0 1 70.4	Al									-				
MEAN *** STOR*** STOR*** STOR*** STOR*** STOR*** STOR*** *** STOR*** STOR*** STOR*** STOR*** STOR*** STOR*** *** STOR*** STOR*** STOR*** STOR*** STOR*** *** STOR*** STOR*** STOR*** STOR*** *** STOR*** STOR*** STOR*** *** STOR*** STOR*** STOR*** *** STOR*** STOR*** STOR*** *** STOR*** STOR*** *** STOR*** STOR*** ** STOR** *** STOR**	ΛI												-	
MEAN 4. 57. 57. 67. 77. 67. 67. 77. 67. 67. 67. 67. 6	ΛI									1				
MEAN "4. 57. 57. 67. 8.1 22. 91.6 7.1 7.0 82.1 5.2 5.1 1 70.1 70.2 82.1 1 8.0 1 20.7 8.5 5.1 1 70.1 70.1 70.1 70.1 70.1 70.1 70.1	AI								+			-		
MEAN WEAN	AI												*	
MEAN 4. 5. 6. 5.7. 65.7. 1 4.4.6. 5.35.7 2.6.1 2.7.78 36.2.15 6.335 5.16.7 7.0.1 7.6.2 5.6.1 7.0.1 7.6.2 5.0.1 7.0.1 7.6.2 5.6.1 7.0.1 7.6.2 5.0.1 7.0.1 7.6.2 5.0.1 7.0.1 7.6.2 5.0.1 7.0.1 7.0.2.0 7.0.1 7.0.2.0 7.0.0 7.0 7.0.0 7.0 7.0 7.0 7.0 7.0 7	AI											1		
MEAN 40 570 570 670 750 801 220 516 701 700 670 101 101 101 101 101 101 101 101 101 1	AI													
MEAN "4. 5.0" 5.7" 650 75. 8 01 22. 9106 7 01 700 6205 55.1 5.0 100 65 5.5 100 65 5.5 100 65 6.335 5.15 6.35 6.35 6.35 6.35 6.35 6.35 6.35 6.3	AI											+		
MEAN 40 50 10 10 10 10 10 10 10 10 10 10 10 10 10	Αi											- †		
MEAN 40 500 527 650 750 8 01 220 6106 7 01 700 F203 5001 101AL 085 065 071 40406 5057 2017 651 60335 5016 0079 1	Al													
MEAN 4. 5. 6. 75. 8 01 20. 70. 6.35 50.1 S.D. 0.04 9.574 0.273 5.771 4.40.6 5.357 7.61 20.778 30.15 60.335 50.16 101AL OBS.	AI.													
MEAN 4. 5.07 67. 67. 8 01 20. 7.01 7.01 62.5 55.1 5.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	Α.													
MEAN 4. 5.0. 5.7. 6.0. 7.0. 8 01 2.0. 910. 7.0. 620.5 5.0.1 S.D. o.6. 9.0.4 2.0 5.71 4.4.5 5.357 2.0.1 2.778 3.0.15 6.335 5.16. 9.079 1 TOTAL OBS.	Ai					1								
MEAN 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	٨													
MEAN 40. 57. 57. 67. 75. 80. 26. 51.6 7.0 76. 55. 55. 1 5. 5. 5. 5. 1 5. 5. 5. 1 5. 5. 5. 1 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	AI													
MEAN 4. 5'. 52. 65. 75. 8 .1 .2. 41.6 7'.1 7'. 62.3 55.1 5.0 1 5.0 1 2.0 1 8 .1 5.0 1 5.0	ΛI													
06C 905C4 02 3 50771 40406 50357 2061 20778 30215 60335 50160 0079 1										1		- 11	2	6.0
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	MEAN	tr.	5.		. 1	•	0				2 2 2	- 1	0.00	
1	S.D.	79.	4 10 6		• \	9.3	5.357	(p)	2018	•		6 (0)		
	TOTAL OBS.		7.77	7	ن ب		? }			r,				:

NAVWEASERVCOM

DAILY AVERAGE/EXTREME TEMPERATURES

MONTH Addust YEARS 1977-1032 STATION NAME FIFTO, FL 6.1 6.1 6.1 STATION

		DATE	1956	1956	1979	1979	19762	1959	1970	197	1970	197	1982	1982	1981	1964	1961	1976	1977	1977	1977	19773	1971	1961	1967	1960	1963	1977	15:2.	1971	1972	1906	1966	1981
<u></u>	ME	၁	-2.5	-2.2	-6.1	-3.3	-1.1	-1.7	-1.1	-5.6	-6.1	-5.6	-7.8	-9.3	4. € −	-5.6	9.5-	3	2•3-	-6.1	9 - 3 -	-5.6	-7.2	70 7-	-3.9	-3.9	7 · 17 -	-1.7	• ن	-3.9	-2.2	-6.1	-6.1	4.6-
MINIMUM TEMP	EXTREME	٥۴	2.	2.5	7.1	92	30	56	C.≥	22	7.1	22	16	17	1.5	7.5	2.2	90	23	7.1	2.5	25	19	24	2.5	3.5	5 t	62	2.	25	26	2.1	1.	15
M	ш	ပ	5 • 3	5.1	6.4	5.7	5.0	5 • 9	6.9	5.3	C • #	5.5	5 € €	2 • 5	•	9•6	5.7	4.7	4 • 3	5.7	6.4	5.7	5.4	5 • 8	6.9	6.3	5.0	6.9	7.0	6.0	5.7	5.5	6.0	© ⊔.
	AVERAGE	٥.	47.	43.9	43.5	42.2	9.54	43.7	44.44	41.6	3 • ្π	41.0	41.5	41.4	40.7	1024	42.2	40.5	39.7	42.3	43.5	4203	41.5	42.4	n * n n	43.7	42.6	44.5	_ • # #	2 * 2 1	42.2	41.0	40.2	45.6
		DATE	1975-4	1973	1982	1972	1972	1074 ×	1982	1975	1074	19742	1072	1075	1072	1971	1974	1974	1953	1053	1982×	1982	1959#	1974	1974	1974	1074	1974	1574	1974 :	1975	1075	101	1075
٩	ſĒ	၁့	27.8	27. n	27.P	49.4	28.3	26.1	26.7	26.7	29.4	28.9	30.0	23.3	22.3	26.1	26.7	27.2	25.6	23.3	27.2	27.3	27.8	27.2	400	28.9	58.9	28.4	6.83	2002	23.3	300€	25.0	3 .
MAXIMUM TEMP	EXTREME	L o	3.5	2.5	52	6.5	£ 6	2.2	æ	L 6	3.5	9.0		83	80 M	10	.00	3.1	26	33	10	82	8	3	26	7.60	\$ 'b	10 30	9.4	33	3.3	1.3	r T	47
M	Ę.	၁့	10.0	1200	13.3	10.44	19.2	10.2	19.1	17.2	17.6	16.7	16.3	16.3	17.7	17.6	17.0	17.6	16.3	19.3	19.1	19.	15.5	10.7	1001	10.7	19.0	10.6	10.1	10.9	13.1	2.2	10.2	13.3
	AVERAGE	u.	6.7.3	4.4.	6.50	2.33	F.4.7	66.5	46.3	6.2.0	3.6	:2.1	£1.3	1.4	53.P	43.6	. 4 . 3	3.6	6.1.03	£5.5	5 · h · S	4.57	(5.3	46.7	5.6.3	45.7	£ 9 5	67.3	66.3	56.1	9.4	# · ·	66.5	6403
4		ပ	14.2	12.1	12.4	12.1	3200		12.9	11.2	11.2	11.1	1.6	780	11.2	11.5	11.8	11.1	10.3	12.0	12.2	12.1	12.0	12.51	13.	12.5	12.4	13.3	13.0	12.5	11.9	12.5	13.1	12.1
MEAN TEMP	AVERAGE	L o	. 7	. · · · · · · · · · · · · · · · · · · ·	. • ₽		3.65	5.1	r.	€ 3 • • •			1 • 1	1.	•	•	•	•	•	. •	7 77	• 2	₹ • ¥	5 * 17	4 • 5	4.5	2 • 5	. 6.	3	.7	7	100	\$.	3.
		DAY	-	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	82	21	22	23	24	25	56	27	78	\$2	30	31	Monthly

DAILY AVERAGE/EXTREME TEMPERATURES

1993-1982

MONTH FIZDUARY

STATION

STATION NAME

ld "Glald"

YEARS

		DATE	~	196	1566	1981	1966	1966	1975	1978	1971	1971	1971	1961	1905	1958	1971	1977	o	1 9 r. g	1958	1958	1950	1979	1978	13698	1967	1967	1974	10684	1964			1967
	ш	- 1	•	-3.9	2.2-	-2.3	-2.8	-3.9	-2.2	-1.7	-1.1	-3.3	-3.3	-3.3	-3.9	-2.8	9	20	M	<u>୍</u>	-2 · ¤	-1.7	-2.2	- 3 - 7	3.11	<u>.</u>	-2.5	-5.6	-2.2	₹3 •	2.0			9. 3-
MINIMUM TEMP	EXTREM	٥٫	e c	2.5	23	2.7	2.2	36	56	62	() NO	92	3 e	900	25	27	1.	7.3	3.6	53	2.2	5.6	ď	00	2.5	1.2	a. (·,	25	€3.	.2	3.7			22
MIN		ပ	2.6	7.9	3.9	6.1	6.1	٠ (۵)	₹.3 00	5.1	ις: Φ.	a s	5.1	3.6	5.2	M	40.	۵.۲	3.0	8.1	6)		7.	7.5	G • 8	\$ • £	S • 8	7.9	7.5	7.9	7.1	-	-	7.2
	AVERAGE	°F.	5000	2 • 9 4	M° ##	D • M 3		66.1	40	42.0	42.7	•	∖ •	42.1	٠,	41.6	N.	47.7	1.097	46.5	C • L +	400	45.1	20 e Ci	46.4	3.73	47.3	20 e 11 e 12	45.5	46.2	2 2 3			C • 3
		DATE	1075	19750	1057	1991	1057	1957		1	1057	10	1965	9	18	പ്ര	0	20	1976	1075	1975	1961	1053	1		1962	0	1962	130	1062			+	1962
	E	ပ	3 ° C C	23.	20.02	0.5.0		0			C	! .'	010	~			27.0		27.9		1,5	7		30.00	ឺ		c.	41.	1	E		•	1	31.
MAXIMUM TEMP	EXTREME	ш. °	100	F 50	4	3.6	4 3					7 72		· ca							75.6			ď					1.1		1	+	+	C or
MA		٥	10.7	19.7			0	• •		4	4	•	• •	•\ •	0 0	1	٦-		りひ	10	c		30.00	-ı '] ()-	•] -	10.0	2 1 2	٠) د	٠	6 4 9	+	0.0
	AVERAGE	u o	47.5	٠	10	1 0	•{	6 6 2 3		K 0 2 2 2	5	•	0 1	•(F 3			1	64.7	7 7 3		2 6 7	- 3) 1]-	4) ^`	-1-			•	• 3	+	7 7 4
-	-		17.6	2			0 C			100	1000		16.	,	7 0 0 0	,,,	7 7 7 7	-		7	- 1	17 6				7 1		, ,	1	7	1		-	21
NAEAN TEMP	AVERAGE		·	•	200	0 0 1	•	-				7	,	• • • • • • • • • • • • • • • • • • • •		20 00 00	•		U	- 1	-	1			``1	•	•			•	•	,	+	
			A,	- 6	,	, ,,	4 ,	2	9	-	∞	6	2	+	12	2	41	12	9 !	= ;	2 : 2 :	19	8	12	27 5	23	24	52	36	/2	200	82	8	31

DAILY AVERAGE/EXTREME TEMPERATURES

MONTH J. 7 ... YEARS 2801-2501 STATION NAME FIFE F . C I . STATION

			(a 1		<u></u>	7		5		_		7	e.	6	C	o f:		3		C1	G)		4			g)	8	0	5	N.	5	5	3	
		DATE	1965	193	198	198	1971	1960	1974	1571	1971	1057	6961	196	1960	1968	1881	1954	198	361	197	1961	1956	761	197	196	1968	1979	19:5	1955	165	195	196	193
٩	ME	ာ့	•	-1.1	7 - 7 -	2 • Z -	-1.1	-1.7	• 0	Ċ.	1.1	1 • 1	1.7	9.	•	2.2	9.	2.2	•	1.1	1.7	2.2	1.1	9.	3.3	9	1.1	2.2	9.	2.2	1.1	M.	7.2	7 - 7 -
MINIMUM TEMP	EXTREME	٥,	Cu P	٠	at Eu	27	3.0	2.2	2.5	7.2	34	3.4	3.2	43	32	36	7.3	26	2	72	35	92	4	13		1.2	34	192	13	3.6	34	٠. د د	C) 3	3 C
2	Ę	၁့	(3) - (3)	5.1	5.5	10.0	9.7	0.3	ક • દ	8 • S	7.9	• 0	1.01	11.6	11.9	11.2	11.4	11.2	9.5	9.6	10	11.5	11.2	10.4	6.7	11.2	11.2	10.3	9.5	11.2	13.1	13.6	1 2 . 4	15. a
	AVERAGE	٥F	47.8	40.4	48.5	50 .	40.5	46.7	47.03	47.	2.94	2 • ਦ †	1.66	5.2.6	53.5	5.23	9 - 2 -	52.0	49.3	169.3	51.5	5.2.2	52.2	50.7	49.5	52.2	50.0	50.5	49.1	52.5	55.6	56.4	56.2	50.8
		DATE	1072	1053	1976.	1964	1976	1961	1001	10878	1064		1974	13750	1.82%	1073	1973	1973	19824	1963	1982	19824	1968	196B	1075	1075	1954	1065	1054	1080	1 - 77	1075%	1.70	161
IP.	ME	၁့	300	31.01	37.0	33.6	30.0	35	3.3.5	# 6 Z	30.02	33.	32.	32.2	3€ €	2 0 2	32.	32.3	30.6	31.7	31.7	31.1	33.3	21.7	30 € 5	31.1	31.	٠.	o•5₹	3 6	31.1	21.01	51.1	23.0
MAXIMUM TEMP	EXTREME	٥ ا	* 3	6.8	5.5		8.5	5.7	37	85	7	د د	16	. C	8.7	26	10	9.1	K S	ဇ	68 ⊃	8 8	0.0	. 60	स ह	8 d	8.3	46	3 8	8.7	83	8 3	50	2.6
Ď	GE	ပ	22.1	22.7	22.	23.2	22.	27.5	21.7	27.7	20.0	23.5	24.4	25.	24.7	24.5	24.1	23.5	22.2	23.0	3	24.7	24.4	23.2	22.	24.	24.2	23.	2.2	23.	24.5	2500	26.2	23.4
	AVERAGE	2 ب	71.0	73	1.4.1	• 3	71.0	5.5	71.1	2.49	3 € 5 €	73.7	0 4 1	75.2	5.9.	76.1	75.5	74.5	7 .	74.8	76.3	S • 92	75.0	73.7	73.	75.	9.5	5.54	75.2	24.3	7.6.7	<u>-</u>	77.02	2.47
		၁	7° . I	15.9	16.	10.1	15.2	15.1	15.1	14.5	14.3	1001	17.2	4. G.	1.03	17.9	17.7	17.4	15.0	16.7	17.7	13.1	:7.8	16.8	15.3	17.6	17.7	17.1	15.2	17.3	6	10.6	10.0	15.3
MEAN TEMP	AVERAGE	ı.	•	•	• -	•	•		•	1	3	•	•		•	7.9	•	•	. ·	•	•	3	. • •	F3	1.	7 • 7	.3.	•	: <u>1</u>		3 • 0	_ • . ÷	67.7	.•.)
		DAY	-	2	3	4	2	9	^	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

DAILY AVERAGE/EXTREME TEMPERATURES

1977-193 13 61111 ET.

MCNTH APPIL

> STATION NAME STATION

YEARS

		DATE	1944	1942	1362	1975	1961	1974	1974	1971	1971	1976	1973.	1973	1965	6361	19:9	194.2	1962	1954	1974	1954	19:3	1962	1962	1362	1965	1974	161	1976	1967	1973		1974
ИР	ME	ွင	: · · 1	7.2	3 • 3	4 • 4	3.9	5.3	2.5	4.4	6.7	U•S	6.1	6 . 1	E . 3	9.5	6 • 1	5 • 6	3.3	8 . 3	8.9	8.0	6.1	S.6	10.	11.1	8.9	6.1	7.2	7.8	6.7	5 • 4		2.5
MINIMUM TEMP	EXTREME	٥,	43	4.5	17	ੜਾ	24	C &	3.7	C n	7 2	1 4	£ 73	4.3	6.5	24	4.3	11.2	2.4	4.7	4.3	छ भ	43	(1	4	67	,	17 ·	S 19	44,	44) 1		17
2).E	၁့	1 4 . 1	1.	12.3	13.5	13.3	12.7	12.3	13.2	1 - 2 1	12.5	33.5	14.6	14.0	13.7	13.7	13.3	12.9	14.1	14.5	3 + 7 [15.0	14.0	15.7	16.3	1 3	1 5 . 4	15.03	14.0	14.9	15.01		14.1
	AVERAGE	٥,	S. 5. 5.	h • S ·	54.2	56.	55.0	54.	5.40.1	55.2	9.23	5.4.3	56.3	58.2	57.2	56.7	56.6	55.9	55.3	57.4	58.1	3.88	59.	58.8	€0.3	ו39	59.6	2.65	39.65	5.8 .8	58.8	51.		57.5
		DATE	1277	1977	1977	1277	1075	1967	19752	1973	1978	1978	1962	1965	1974	1972	1972	1972	16824	1961	1981	10720	1568	1970	1967	10753	1758	1:17:1	107	101	1771	1062		10789
ΠP	ME	° C	33.2	2.3.5	53.3	33.	31.1	3107	52.2	3.	34.4	33.5	32 • 2	32.2	73.7	32.	33.0	33.	33.7	33.	32.3	32.7	33.3	33.7	33.	33,3	33.7	25.2	32.0	33.2	35.0	33.7		3.0
MAXIMUM TEMP	EXTREME	٥ ا	6	5.5	26	100	6.8	€8	6	± 6	76	86	Ú6	: o	6.5	1.6	5.6	93	26	9.3	16	U6	26	4.3	00	€6	65	0.0	6	C: O	36	9.3		'≥ €
Š	GE	၁ွ	26.4	26.2	26.4	27.0	25.1	25.44	25.0	27.1	25.1	25.32	26.5	27.4	27.4	26.6	27.1	26.7	27.8	23.6	25.0	27.4	27.5	20.1	25.1	20.1	2.01	27.5	28.3	28.0	25.3	20.0		27.3
	AVERAGE	4 °	7	79.1	7 .5	. J • [17.1	17.8	5 .		6.34	77.3	r	1.3	21.4	70.9	1.07	•	2.	3.4	30 - 2	PC - 1	1.7	6.4	3	74 . 4	3.2.6	1.5	7.5.5	7.2.7	3.3	3.9		
ΔV	Ш	ွင	10.7	1	15.4	20.0	10.2	19.1	19.1	20.2	10.4	1 5 e.m	0 •0€	21.0	2 . 7	2.0	™	U• . €/	20.3	E • 1 C	21.2	71.1	21.2	22.	22.3	22.6	21.7	71.4	21.	() ()	21.8	22.4		2 • 1
MEAN TEMP	AVERAGE	H _o	•	5.7.	. 6	6. €	,: ,3	£ • .	6.47	•	• 5	ان ان ع	•	•	•	•	3 € 1	• •	•	•	• 1.	. 7	•	, ,	T 3	3 . 5	101	•	7	•	1.	h • 2		•
	L	DAY	1	2	3	4	2	9	7	8	6	01	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

DAILY AVERAGE/EXTREME TEMPERATURES

≯ YEARS 1050-1062 STATION NAME THE BELLEVIE STATION

MONTH

		1	П	\neg									П					П		\Box													П	
		DATE	1966	1971	1051	1001	1671	1973	1782	1958	1965	1982	1960	1981	1081	1961	1963	1973	1973	1579	1979	1976	1054	1961	1961	1954	1961	1279	1979	1961	1979	1661	1071	1979
٩	۸E	ပ္	11.1	1.6	10.0	8.3	8.9	8.9	11.1	10.0	h • 6	11.7	10.0	11.7	11.7	10.0	12.8	12.8	7.0	13.9	11.7	12.2	12.2	11.7	11.7	12.2	13.9	8 • 3	8.9	12.6	14.4	12.8	14.4	60)
MINIMUM TEMP	EXTREME	°F	E 3	5.1	ניי	47	5 11	8 11	5.2	20	6 17	F.3	5	ر م ع	د ع	i.,	5 :	د ج	67	57	53	2.2	40.0	* :	د ۲۰	5.4	5.7	47	i.t	4-3	٠ د	5.5	ư	4.7
M		ာ့	16.8	16.5	16.3	15.9	1:.5	15.9	16.5	16.9	17.3	16.5	17.2	17.4	17.7	17.4	17.7	17.4	17.4	17.8	17.6	13.3	13.2	13.8	18.8	1).2	19.3	19.2	19.2	19.2	19.2	15.3	19.6	17.7
	AVERAGE	٥F	2.03	51.7	61.4	9.3	, , ,	60.5	6203	4.5g	6 7 . 1	61.7	62.0	63.5	63.5	4.73	6.7.e	63.3	63.3	9.49	63.6	6.49	64.7	65.P	65.8	66.5	56.7	6.6.5	66.6	6.6.6	9.99	46.7	67.0	U• <u>₹</u> 9
		DATE	1:01	1962	1567	1761	5361	1955	1077	2001	1363	10161	1973	1961	1961	1961	1067	1 c 7 0 a	1963#	1981	19630	1962	1962	1962 *	1962¤	1953	2301	1962	1961	1067	1361	1961	1981	1961
		o C	35.	33.	• 3	η • η <u>Σ</u>	. M.	33.5	3	340	,	33.6	-	36.7	37.3	37. A	35.6	33.0		36.1	35.	36.1	37.2	36.07	36.01	3 > 0 7	3 3	3.7.3	37.A	3 . 3	7.0.25	34.01	3.7	۶. د. د
MAXIMUM TEMP	EXTREME	٥. د	. 6	5.6	۲6	* 6	25 6	2.6	. 6	n 6	r o	93	9.7	e c	100	100	10	20	20	97	9.5	46	6.6	66	3.7	¢	101	100	C:	1.1	ζ. Č .	1 0	0.1	101
MAX		၁့	3 - 5 2	23.6	6.05	28.6	28.E	20.1	2002	29.4	20.4	23.3	P: 0 () ()	21 C	30.5	30.3	30.7	CM	ر. س.	31.	31.	31.3	21.	30.7	30.0	771.6	31.4	3.1.5	6.00	31.2	31.4	31.4	32.1	7) 4
	AVERAGE	ĭL.	₩.	4.5	1 . 4	3.5		t.	7.	P 11 ● 0 →	£ • 13	4.7	10°			6.6	7.2	£.6	6.7	7.8	7.8	7.60	3 € • 9	7.6	7.5	1.1.	8.6	8.0	7.0	8.1	(r) • G ·	9 - 8 -	5.9.7	9 • 9
-		0	25.5	22.5	9.25	•	22.1	22.4	23.2	23.2	23.3	22.8	23.7	N	24.1	23.0	24.5	23.	►	13 € 13 €	-7	7	24.9	2 n e z	3 th	5.45	5. 3	25.03	25.1	25.2	#7 6 6	# · G C	75.5	2 ≈ • 1
MEAN TEMP	AVERAGE	၁့			ř.		•	.3	U.	180	-	K.	- 1	•		•			•		K • 13	- C-	6.3	. 7	5.7	•	7.	7	7.2	7	7.	7 - 7	•	•
W	4	L	,		,				^	·.	r 	, '			-	:		r				-	٠,	•1.			•		· -				7	
		DAY	-	2	က	4	2	9	^	∞	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	59	93	31	Monthly

DAILY AVERAGE/EXTREME TEMPERATURES

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YEARS

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MONTH

STATION NAME STATION

1057-1-2082

-	MEAN TEMP	MP		Σ	MAXIMUM TEMP	ηΡ				MINIMUM TEMP	MP	
L	AVERAGE	3E	AVERAGE	GE	EXTREME	ME		AVERAGE	GE	EXTREME	ME	
∀	ر ب	၁့	٠ •	ပ	.	ပ	DATE	H °	၁့	٠ ٦	၁့	DATE
1	7 .	25.9	7.6.1	31.0	06	37.	1053	67.7	19.8	63	15.0	1971
2	-12.	25.03	2.7.5	30.0	36	35.6	1981	57.3	19.6	550	14.4	1961
3	7	25.6	500	31.	1.6	35.	1981	66.3	19.4	ŝ	14.4	1956
4	7 - 4	25.7	28.0	31.1	3.6	35.6	#1801	68.7	2 • 4	63	17.2	1963
5	9 6	25.9	3.4	31.7	7.6	36.1	108	69.8	n • : 2	6.3	15.6	1972 ×
9	7	25.7	5.5.2	31.2	£.0	36.41	1671	68.2	2 • 1	6.9	15.6	1971
7	7 . 3	2001	1	31.	9.7	35.1	1351	63.8	24	63	17.2	1956
8	7 . 1	2002	3 € • 1	31.	96	35.6	10820	69.1	20.6	63	17.2	107
6	•	25.3	37.3	32.1	ဝီ ပ	37.7	1954	68.9	20.5	15	16.1	1976
10	7 0	26.5	96	32.3	ាចជ	37.9	1954	69.3	20.7	63	17.2	1960
11	٠	2.5.7	r. •	\$2 . 3	7.0	36.1	1981	60.09	21.1	u ^r	14.4	1961
12	r	26.4	8.05	32.1	99	20.00	1011	69.3	20.7	6.	15.0	1965
13	- 1	25.9	11.2	32.	102	3 - • 0	1977	60.6	6 . 3	6.2	16.7	1970
14	7 C .	6.05	U • 3	32.5	LOI	\$. B	1361	73.4	21.3	61	16.1	1980
15	0.1	26.	30.01	32.3	101	3 2 6 3	1351	10.3	21.3	93	18.9	198
16		56.	10.01	32.3	102	\$5.9	1001	70.3	21.2	6.5	18.3	1974
17	•	25.4	000	31.	132	3 : 0	1981	70.1	21.2	61	16.1	1961
18	•	25.4	40 € € 5	71.7	101	30.3	1061	69.8	21.0	60	15.6	1961
19	13.0	20.7	C . 2	32.3	150	37.9	1991	62.6	21.1	4.1	16.1	1965
20	7.99	25.6	49.4	31.7	97	35.1	1981	€~.	21.4	60	15.6	1965
21	, •)	27.	2.5	32.3	100	37.3	197	71.0	21.07	65	15.0	1955
22	C .	27.2	6 ° 0 °	32.7	1:2	35.7	1970	71.0	21.7	۴ 1	16.1	1965
23	5.0	27.2	0 € 0 €	32.4	96	35.5	1953	71.3	21.	69	2: •6	1979
24	5.	23.2	1.2	32.3	ණ ව	36.7	1954	7.07	2105	95	12.9	1972
25		27.1	יע	32.5	() ()	36.7	1981	7101	21.7	6.5	18.3	1966
- Je	•	26 · d	85.0	32.1	30	36 € 7	1972	77.8	21.6	63	17.2	1956
27		26.9	0 ° . o	32.2	100	37.9	1978	70.8	21.6	67	19.4	1979:
28	1.	27.3	0 .7	32.0	102	30.9	1973	71.4	21.3	67	19.4	1974
53	•	26.9	3.01	32.3	1 1	30.3	1979	7 3.9	21.	4.3	17.2	1974
30	1	27.4	01.e	33.1	101	3 0 ● 3	1978	71.1	21.7	4.1	16.1	1001
31												
nthly	7 : ● ₫	26	æ• Ø 6:	:201	1.12	C	1981.4	62.8	21.	5	14.4	1941#

DAILY AVERAGE/EXTREME TEMPERATURES

1057-1092 STATION NAME ũ - 1 - 1 5

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STATION

YEARS

MONTH

7117

5 46 E 19754 1973 19743 1977 19734 1972 1963 1965 7/6 1965 1973 1975 1975 1972 1965 1974 1974 1974 1974 1974 1965 1961 1972 1974 1954 1970 1961 1961 197 197 20.6 19.4 19.4 18.3 19.4 17.8 19.4 19.4 20.02 18.9 18.3 6.81 18.3 0.32 902 20.6 18.3 19.4 10.4 25.0 10.4 20.6 17.8 4.61 20.6 16.1 18.3 16.3 15.1 21.1 18.9 EXTREME MINIMUM TEMP 55 6.5 5.5 (1) **Q** 69 19 0 67 55 67 .0 **4** 67 63 4 67 9 e E ٠. **9** 9 9 S 67 30 67 57 6 67 22.6 22.3 25.52 22.4 22.4 22.1 22.3 22.1 22.2 22.3 22.2 22.3 22.7 22.2 22.2 22.2 22.4 22.4 22.4 AVERAGE 71.6 72.2 72.1 72.9 72. 72.0 72.07 72.4 72.4 72.3 72.8 72.1 71.5 71.8 72.7 72.1 19414 981 :: 19800 1982 1 19634 1981 1965 1968 270 1980 1980 1987 1983 1973 1973 1979 1973 1978 1972 1972 1981 1981 1961 1961 1981 1961 1961 1981 1951 9.6 37.8 37. A 33.3 33.3 37.8 37.P 36.7 35.7 33.3 38.0 37. 36.7 35.1 36.01 30.3 36.1 5 a c 5 37.0 36.7 36.7 37. 36. EXTREME MAXIMUM TEMP C. č 100 100 66 C 100 Ů. 6 106 ~ :: 132 0 0 101 0 Ç 0 300 101 101 171 33.2 33.4 33.3 32.0 33.2 33.4 33.5 33.4 32.5 33.3 33.7 3330 23.3 32.7 33.3 33.5 33.1 33.6 32° 23.2 :20.3 32. . 33.7 . 3. AVERAGE 51.5 010 91.6 93.9 91.8 6.0 91.9 6.10 72.5 ∂.1 • a 31.6 ر ان 1.1 71.7 12.7 91.3 -72.1 1.20 5-36 7.2 e S **∷**•3• 71. 91.1 27.8 27.4 7.4 27.8 27.3 27.6 25.0 28.3 27.9 27.6 77.7 27.6 57.9 7.00 7.75 6.10 27.7 7.7.7 28.0 7.7 0.10 77.7 28. ى ° MEAN TEMP AVERAGE) • G 7 . . 1. C • • • 2 Monthly DAY 2 12 16 17 19 24 25 28 29 8 4 = 13 4 5 8 20 7 22 23 56 27 31 9 œ 6

ALSO ON EARLIER YEARS

1411

DAILY AVERAGE/EXTREME TEMPERATURES

1963-1932

A CUST

MONTH

YEARS STATION NAME all a lule STATION

				_	-							_	_	_	_				_	,	_	_	_,			_,	-						_	_
		DATE	1967	1961	1974	1974	19743	1973	1963	137	1973	1273	1973	1961	1961	1961	1961	1967	1974	1974	1968	1074		1973	1973	14.73	1957	1973	1969	1962	1968	1969	1967	1973:
٥		၁	18.9	18.9	19.4	19.4	20.0	19.4	18.9	20.0	20.0	20.0	18.9	20.0	17.8	17.8	17.8	17.8	18.9	12.9	20.0	20.0		17.8	18.3	1:.9	1 2 . 9	20 • C	18.9	17.8	17.8	20.0	19.4	17.8
MINIMUM TEMP	EXTREME	٥F	95	99	67	67	6.3	67	99	63	6.3	.9	56	89	64	54	64	44	99	46	63	63	6.5	4.4	6.5	6.6	6.6	6.5	66	40	44	6.	67	3
M		၁ွင	22.2	22.4	22.3	22.4	22.4	25.2	22.1	22.6	22.1	22.2	22.1	22.5	22.1	21.0	22.1	21.7	22.3	22.2	2.	2.	22.1	21.9	51.9	21.9	21.0	21.5	22.2	22.1	21.9	22.2	22.1	22.1
	AVERAGE	٠ ١	7.2	72.3	72.2	72.2	12.3	72.	71.5	72.6	710.7	71.0	71.8	72.5	71.5	71.2	71.8	71.1	72.2	72.7	72.0	71.7	71.7	71.5	71.5	11.3	71.4	7103	72.	71.R	71.5	71.9	71.7	71.8
		DATE	1970	1977	198	10834	1972	1963	1955	1968	*T861	1980	1980*	1971	1954	1953	198	1.861	198.	1954	19664	1966	1983	1987	1965	1982	1968:	1982	1954	19920	19780	13:3	107	10873
	Ę	ပ	36.7	37.3	2.7	37.2	3 8 € 3	37.P	37.8	36.7	36.1	36.1	36.7	C . E . S	35.7	36.7	36.1	36.7	30.3	27.2	36.7	37.8	36.7	37.P	36.6	36	35.6	35.7	36.1	36.1	35.1	35.4	35.1	3 3
MAXIMUM TEMP	EXTREME	o Tr	36	06	66	100	1.1	رن درع	100	66	16	97	66	66	80	a o	0.7	о С	101	66	86	133	c 6	1.1.4	96	٥:	96	ે દ	16	7.6	C	95	9.7	101
MA	<u></u>	၁့	32.	33.7	33.5	33.5	33.4	330.2	33.4	33.2	32.0		33.7	32.		32.0	1		33.0	32.4	32.		32.1	. • 22	7.0 %	31.	31.	32.4	32.3	\$1.	31.7	32.3	33.4	32.
	AVERAGE	u °	E - 1 - 2		M1 0 0 0	₩. 6.0	1.2.2	910	2.5	51.07	1.	0.10	7.10	7 7	1 · · ·		UT.	# • •	K • 1 0	F.C.	c c	3	9.	K .	30.7	35.01	107 (3)		0.2	(F) (C) (Ω	3 ·) · (u u	er •
			27.6	σ,	27.3	27.9	27.9	27.7	27.7	27.00	27.5	27.7	27.6	27.6	27.5	27.2	P C	27.6	١.	27.6	3.00	ا ا ا	2.9.5	E • L :	23.	26.3	26.3	7.0	101 101 101 101	26.3	26.4	27.2	26.3	27.4
MEAN TEMP	AVERAGE	u o	1.		F7	27	C:			•		7.	•		7	េ	-1			1	1.	1 • 1	1.1	;-1 • •1			Ö	•		•	•	• -	•	-
		DAY	-	2	3	4	2	9	7	α	6	02	=	12	13	14	15	16	17	18	19	2	21	22	23	24	25	26	27	28	82	30	31	Monthly

DAILY AVERAGE/EXTREME TEMPERATURES

rais make da 5 MONTH

STATION NAME

STATION

of the Fig. 12.

YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

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STATION

1003-1062

MONTH

01108EP

STATION NAME

YEARS

197.2× 1976 1978 1976 1976 716 1574 6161 1978 1980 1972 1967 1961 1976 1982 Cael 1974 1977 1977 1977 1977 1977 0851 1961 1981 1951 197 F) 8.9 11.1 10.0 10.6 10.6 11.7 11.7 10.0 S. 4 . 4 5.6 7.2 5.6 7.2 4 . 4 ... 2.8 6.1 EXTREME MINIMUM TEMP 4 3 4 C 2 7 ***** 0 4 g" ≢ -----16.0 3 18.7 18.2 17.6 17.8 16.2 16.9 15.9 5 6 7 5.9 14.9 14.2 15.1 14.7 13.9 1200 17. J 18.9 16.7 18.1 1 4 . 1 15.1 AVERAGE 58.8 64.4 62.4 61.2 52.0 52.5 60.6 60.7 59.2 64.5 7 . P 9 63.6 63.2 6 3 • 6 59.2 57.5 57.4 59.8 5 : • 5 5 ? • : 54 • 2 56 • 3 56.5 64. 55.1 1982 1980 1973 1071 3 7 7 0 1973 1 672 690 1077 1973 969 1961 696 2161 1965 116 596 9901 1968 197 18: 1851 1851 1777 1771 1601 1981 1971 32.2 33.3 **32.**2 33.7 310.1 53. 32. 32. 32. EXTREME MAXIMUM TEMP 0 80 67 , 0 83 **F**(7 C) 77 6 ٠. در **()** 0 0 ŝ ar ar 0 6 7 5 6 6 6 91 27.5 25.6 29.3 28.6 23.5 23.5 29.4 29.5 26.7 25.5 26.7 25.3 2507 26.04 24.3 24.7 28.7 24.9 25.3 27.1 24. 26. 27. AVERAGE 7:09 11.3 77.6 73.9 76.7 3.6 6. .. 3 . 2 79.B 76.5 3.3 0.0 7 - - 7 100 7.2 ů. 23.2 71.8 71.7 22.9 22.1 23.3 23.3 23 23.3 22.1 21.4 20. 20.5 5 7.0 18. 0 6 MEAN TEMP AVERAGE , a . 1.7 3 , • ές. Ċ 9 4 5 15 16 8 28 & 12 13 5 21 24 25 30 Ξ 7 17 8 22 23 8 27 g 6 ω

DAILY AVERAGE/EXTREME TEMPERATURES

1973-1502

MONTH 38×31 - N

STATION NAME

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YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

FIFLD. F! 1 0 1 1 ...

DICEMBER

MONTH

STATION

STATION NAME

YEARS

1373-1982

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		DATE	1979	1966*	1974	1974	1968	1981	1962	1959	1965	1955	1961	1962	1962	1962	1962	1963	1968	195	1981	1931	1981	1973:	1973	1975	1963	1961	197	1577	1941	1001	1561	1563
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EXTREME VALUES

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MASTMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

CECTE FIELD, FL STATION NAME

STATION

F3+23

TIME DECREES FAHOECHEIL

S	MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	0CT.	NOV.	DEC.	ALL
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Signature Sign				Co	6	101	95	76	30	* 0	68	-T	98	1.1
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ି ଓ ନିର୍ମ୍ବ ନିର୍ମ୍ବ କ୍ଷେଷ୍ଟ ବର୍ଷ ବର୍ଷ କଷ୍ଟ କ୍ଷେଷ୍ଟ କଷ୍ଟ ।	S.D.	•	.20	• 1	.37	37.	•	± •	•	95	18.	7		922.2
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EXTREME VALUES

MA - THUM TEMPERATURE (FROM DAILY OBSERVATIONS)

TECTL FIFLP, FL

STATION

1911年でも

MHOLE DESAGES FAHACHEIT ZEATED ON LESS THAN FULL MONTHS/

ALL	HAX TEMPO	DAVE TEMP	WAX TEMP	MAX TEMP DAYS	MAY TEMP									
DEC.		l	L) E B) M											
NOV.			M &	α (Ω	52									
ОСТ.														
SEP		7 C												
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MAR.														
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JAN.	67 67 G 14			74	3.3			l ,						
WEAR	<u>*</u> ~	æ	,		۲.							MEAN	S.D.	TOTAL OBS.

EXTREME VALUES

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

CECIL FIFLD, FL

STATION NAME

STATION 1333

53-82

PROUD DEGREES FAHRENHEIT

ALL			25	28	12	2.4	7,2	Ci Ci	23	fu mt	7.2	2.5	12	21	2.2	# CI	Ó¢	-	5 1	X) Cu	77	25	i. KS.	2.6	64 (c)	n 2	ξ.				n • 2 2	3.46.3	17651
DEC.	27	23	56	II.	21	<u>~</u>	36	26	23	C.	27	32	53	50	32	5¢	1	26	27	0 0	72	o. 23	3 e	62	12	31	82			١	8.72	C)	837
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EXTREME VALUES

HINIM M TEMPERATUR (FROM DAILY OBSERVATIONS)

> כבניד בונדטי בר STATION

STATION NAME

25-53

AMPLE DESPRES FAMPENHEIT ANIHS/

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MONTH		3	: `	r.,							MEAN	S D	TOTAL OBS.

STATION MARK				YEARS			9 V c	PAGE 1
	WET BULB TE	WET BUIB TEMPERATURE DEPRESSION (F)	SSION (F)			17.02	TOTAL	JOKS (L.S.1.)
7 . 8	9 . 10 11 . 12 13 . 14 15	14 15 - 16 17 - 1	- 18 19 - 20 21 - 22 23	- 24 25 - 26 27 - 28	29 - 30 = 31	D.B./W.B.	Dry Bulb Wet Bulb	Bulb Dew Point
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×	×	σ× No.	Obs.	Mean No.	of Hours	with Temperature	re	
			\$ 0 F	± 32 F ≥ 67	F ≥73 F	≥80 F	≥93 F	Total
ļ								

NAVWEASERVCOM

PACE 7	11	Wet Bulb Dew Point	36	32	25	۲.	2 67 .						1	Total	744°C	744.0	744.0
A C E	TOTAL	Dry Bulb Wet Bu	2 -						2461					≥93 F			
	TOTAL	D.B./W.B. Dry	2						2461				Temperature	≥80 F	13.0		
		r 31											Hours with	≥73 F	44.1		
		. 28 29 . 30				-							Mean No. of Hours with Temperature	≥67 ₽	111.3	27.5	
		24 25 . 26 27												≤ 32 F	1_1	86.50	2 616
		21 . 22 23 - :												≥0 F		- 3	1 . 2
	WET BULB TEMPERATURE DEPRESSION (F)	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27											No. Obs.	2461	2461	2461	1776
	APERATURE DE	14 15 - 16 17											, x	20.253	12.767	12.756	5,15,
	T BULB TEA	. 12 13 .					-			_		_	-	1	\Box	-	٠
	W	9 - 10 11											×	├-	┼─┤	ᅥ	1 2 1
		8 - 2 9	i										×	171543	137352	117829	107528
		3 - 4 5 -												6475	7318755	2906665	070000
		0 1.2											\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	1296	131	865	400
	Temp	(F)	187 17					-1 M W					Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb	Daw Point



F E S

Temp.			≯	ET BULB	TEMPERAL	WET BULB TEMPERATURE DEPRESSION (F)	SION (F)			li			TOTAL		TOTAL	
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CECIL FIELD, FL STATION HAME

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P. A.D.

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LST	Dew Point	2.4	14	4 2479										Total	744.0	***
PAGE 2 HOURS (LS.T.)	TOTAL Wet Bulb	_			2479									_	-	-
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	TOTAL D.B./W.B.	-			2479					_		 	Mean No. of Hours with Temperature	2 80 F	56.4	
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1 1 18 (LS.T.)	Dew Point	L											13	12	28	32	<u> </u>			-	_			\downarrow	5. 6. 1		* ~ ~		0		2460			Total	744.7	744.
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744.0	Total				2480		-	44	7				273		~	2		_							Dew Point	
~	 		5	2483	ļ	' 	7	 20 ⊓.	38	146	413	419	586	436	178	36	9	1	į						Wet Bulb	TOTAL
60.	≥ 93 F	1 1			2480				13	26	150	310	391	992	197	143	151	151	172	100	104	53	28	12	Dry Bulb M	
354.0	≥ 80 F	Mean No. of Hours with Temperature		2480	2	-			13	26	150	310	391	266	197	143	151	151	172	777	104	, S	80 (V	15	D.B./W.B. Dr	TOTAL
676.2	≥73 F	lours with																							≥31	
	_	of T																							29 . 30	
741.9	± 29 ₹	Mean																							27 - 28 29	
	≤ 32 F				• 0																	. 0			24 25 - 26	
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	10 E				• 5																•					
248C	2483	ا ا			1.5						-										3 C			- 5	19 - 20	SION (F)
24	24	No. Obs			2.5												•	L			ω Λ	•	• 3	• 2	- 12 13 - 14 15 - 16 17 - 18 19 - 20 21	WET BULB TEMPERATURE DEPRESSION (F)
. 34 €	19	H			5.2													۱ •	• •	1	2.1		• 1		15 - 16	ERATURE
7 . 340	16.979	O _x			6.3	ļ													4	4	2 6		• 1		13 - 14	LB TEMP
30.8	76.4	×			7.2					i					•	1		1	2.7		\$ C				=	WET BU
\dashv	\vdash	H			5.2								•	C		•2		l .	4 (A 6 (A)	-	<u>.</u>				9 - 10	
200473	189567	××			7.9									•	_	1	4 (1)	-	•					_	7 . 8	
2					17.0									1		m	1.2	2.	Ci						5 . 6	
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16338971	15196471	ΣX3			.724.12			•				ı	7.6	3.2	4		<u>.</u>								1.2	
					5.7			•	•	•	1.7	1.9	0	6,	•	<u>c</u>					-				0	
Dry Bulb	Rel. Hum.	Element (X)			527 57 0141	יטי	ł	19 / 93	$\langle $			1	76/ 75	1	307 79	l	200 / 300	60	26 / 87	ĺ	02/ 93			72/101 50/ 99	(£)	Temp.

PAGE 1 HOURS (L.S.T.)		Dry Bulb Wet Bulb Dew Point	oc ·	22	89	107	147	175	161	181	135 8		249 403					19 53	9				2480	2480			-	-	ure		20.4	_
	TOTAL	7.6./ W.B.	Œ	22	68	107	147	175	161	181	135	172	549	381	350	210	80	67	9					24 80					Temperat	≥ 80 F	323.4	•
		30								!												- - +				- +			Mean No. of Hours with Temperature	≥73 F	8.949	1 612
		. 28 29							· 						<u> </u>														Mean No. o	≥ 67 F	742.2	7 0 1
		- 24 25 - 26 27																		-										≤ 32 F		_
		21 - 22 23	7																				7		-					± 0 ₽		
	EPRESSION (F	٠.	• 1	5 6 5	.8	50 40	• 1						! 						} 	 		-	1.8		-				No. Obs.	2470	2457	0 40
	WET BULB TEMPERATURE DEPRESSION (F)	. 10 11 . 12 13 . 14 15 . 16 17 . 18 19		20,	.3 1.5	106 107	2.5 .7		• 7													-	S - 4 4 - 3							6.101	6.278	700
	WET BULB	0 11 - 12 1;			•	19	C.	. 6 3.7	.3 1.1	7	1. 4.	•	c			_					i		7.2		+				-	-	-+	0
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		3-4 5-6							•	3.0	• 3 2.	207		6.5 1.		0	•						3.521.010.6							7391	15:80039	76. 1. 70.2
		1.2			<u>-</u>				<u></u>		C•	4.	•1 2.6	9	(7	-3	9	10	•0				7.023.5						Σx^2	15707	1508	. 44
	Temp.			0		16 /20	68 / 25	987.87		56 / 40	1	327 79	11 /3	76/ 75	1 73	7.3	69 /	69/ 67		647 63	621 61	\	ا ن د	-					Element (X)	Rel. Hum.	Dry Bulb	= -

MOURS (L.		Wet Bulb Dew Point							3	10	3	3	203	0/7	7 (21		7		Φ.	. 1			35	_	M)		٠ ټ	-				F Total	<u> </u>
- '		Dry Bulb	~ `	0 0	27	50	93	101	133	135	3 7	361	243	177	218	F 0	L CA	83	77	7.1	5.5	2	() 3	16	13	10	.	3				İ	ive	× 93	-
	TOTAL	D.B./W.B.	ru v	7.0		59	C	C.			7 7 7	104	243	177	218	101	123		77	7.1	En L	0.7		16		10	10	#				i -	h Temperature	≥ 80 F	
		× 3×											- + ·				- - - -										_	1					Hours with	≥73 F	
		28 29 . 30		-					-		-				-		-			_								-		-		ļ	Mean No. of	L	-
		26 27 .		+			_		_		_		+				-					-		-				_		1		-	- Wee	}-	-
		. 24 25 .		15	, •	-					-	-		-			-		 -			-	-									-		± 32 F	
		21 - 22 23		-	• c	6			C	0•			-		1															+				10.	
		2	•	•	۱ .		2	•	-		7	-	7				+		 		_				r —								-		-
	E DEPRES	71			1 K	•	2	•	•	2 .1	•	:	2 . 2	.	•		ļ 				·			-	i 					-			No. Obs.	į	
	MPERATUR	- 14 15 - 16 17	_		<u>.</u>			•	4	<u>.</u>	4	•		•	•	•		<u>-</u> -	ļ 		-	}	_							-			۵ م		+
	T BULB 1	- 12 13		C	-	L	0		1	• 1	9	6	3		-4 6		2		r,				_					-		-+			-	-	-
		9 - 10 -1		ſ	• (-3	4	40	1 3 1	 1	9	4	4 0 (•	£ .	; ~		•	C)	-	•	-										-	 	_	+
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	1	5.6							4 . 5	2 1.F		6 1.6	-		-	፤ የ	•		1 .6	p • I	• 	2 ·	•	2 .2	رم	2 • 7	1	_						<u> </u>	+
		2 3.4						•		•	-	.3	~	• • 1 • 1	m		•	•		.9 1.	ar.	-	• 5	•	•	•	• (%	•		+					
		-		-		-					1	<u>~</u>		-		7.	-	-	Ç.			C.			C				<u></u>						
			Ki (2 0	2 P	מ מני ונ	, r-		9	11		7.7	71	ر ا ح	67		,	59	57	55	53	51	 0 #	47	5 10	£ 4			₩ I		M		E E	Ę	+
	Temp.	اع			, <u>,</u>	1 ~	. 3			1:1		141	- !		- 1	0 1			18.2	7	15%		100	_	_	_	124		100		/ 5 M		Element (X)	Rel. Hum.	

7H 72 18 T)	Dew Point	2487						}				Total	744.0	744.
PAGE 2 HOURS (LST)	TOTAL Wet Bulb	2480											9.	- -
	Dry Bulb											≥93 F		\perp
	TOTAL D.B./W.B.										Mean No. of Hours with Temperature	≥80 F	112.8	•
	133	1									ours with	≥73 F	274.5	51.9
	29 - 30										No of H	^1	71	
YEARS	27 - 28										Mean	≥ 67 F	487.9	261.7
 	1 25 - 26											± 32 F		•
	. 22 23 . 24 25 . 26 27 . 28 29 . 30	. 1			-									-
	(F) 20 21 - 2	6 • 2	į.			1						4 0 F		-
	WET BULB TEMPERATURE DEPRESSION (F)	2.4 1.6									No. Obs.	2497	248	C 60 51 62
· 	15 - 16 17	3.4											١	-
	18 TEMPE	ម ហ								-	Š	17.38	6.577	7.751
	WET BU	7.0				-					×			65.8
STATION NAME	8	0		 -								Н		+
	.6 7.	712									×1	176346	171913	155765
	3.4 5	5.51									+	150	213	721
	1.2	16.32									1 x 2	1326316	17144713	2932321
]	0	£.												
STATION	Temp. (F)	TYPE									Element (X)	Rei. Hum.	Dry Bulb	Wet Bulb

W R W W H
•
~ G

IZEPS (E) Z em

L.S.T.)	Dew Point	9		2371										Total	720.F	720.7
HOURS (L.S.T.)	TOTAL Wet Bulb			2371												$\frac{1}{1}$
\ }	Dry Bulb			2371									e e	≥ 93 F		
	TOTAL D.B./W.B.			2371									Mean No. of Hours with Temperature	2 80 F	33.1	
	183												- dours with	≥73 F	127.5	7.3
	. 28 29 - 30				 	 			 				 No. of	≥ 67 F		137.0
	26 27 - 2												Wed	\vdash		~
	24 25 -					 							_	≤ 32 F	3.0	11.5
	WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27			. د										≤ 0 F		
	ON (F)			7.			<u> </u>							7.1		-
	DEPRESSI 17 - 18			1.6									No. Obs	2371	2371	2371
	WET BULB TEMPERATURE DEPRESSION (F)			5 2.8				_	 		}		 , ×	5.146	1.446	3.459
	BULB TEM 12 13 - 1			e.a 3.€									 -	-	=	-
	WET 10 11 -			• 4 5					 <u> </u>				×	72.9	61.9	56.6
	7 . 8 9 .			8.9 7									 	172740	146948	134096
	5.6			3.0		 							××××	17	14	13
	3.4	1 /		26.61										5428	0405572	7643294
	1.2			926.1									NX 3	1336	Oro	754
	0		16.80	6										_		
	Temp. (F)	13/ 17	10/ 15	STAL						!			Element (X)	Ref. Hum.	Dry Bulb	Wet Bulb



2 6 7 2 6 0 2 3/25

			S	ν '	2		5 25 3	1 31	6 46 8	3 43 9	7 87 11	2 82 12	7. 67: 10	06 106	15 115 11	77 107 14	1 521 5	70 170 14	18 118 11	31 131 1	6 136 15	76 176 1	52 152 12		501 20	89	\$ 9	5 08	7 2	36	1 1-			101Al TOTAL TOTAL TOTAL TOTAL WAS BUILD DO	HOURS (LST	
Ž	2								-	-				-			·				•	-10• -10•	3	2	. 2.	2 . 2	•	C • 1 • C					2	WET BULB TEMPERATURE DEPRESSION (F)		
_	۵,												, .	•	J (10	•	2.	(c)	3°	2. 2	1 .2	3. C.	- 2	. 2.	• 2	m.	• 5	37	1 6	•	• 1	2 -	WET BULB TEM		
-	- - -						٤.	F;	ر •		. 7	2. 5.	F) •	3	7	0 4	• • • • • • • • • • • • • • • • • • •	•	. 9. 4.	٠ ٢٠	3.		. 7 . 7 .	•	.5	. 5 . 5	•	2	₩.	, por	•	•		6		
	, , , , , , , , , , , , , , , , , , ,			₹ 9 • ——	•	r: •	•	7° L.	9.	•	101	-	Ö		1 m	1 2 1		2.7 2.	1.7 1.		2 2.1 1.	9 7.91	7 2.1 1.	7	1.2 1.	2. 3. 5.	77 •	. C.	•				,		!	
		16/11/01	2/2		2/5			12 / 23	347 33	~	7.1 37	~	11 /27	3		2 2	13/6	M	25 / 65		*\ \mathcal{v}	12/61	9	667 65		,	12 /22	26 / 45	,	. 4.	,			Temp.	1	

PAGE 2 HOURS (L.S.T.)	TOTAL Wet Bulb Dew Point	10	7817	2417								Total	744.0	7440
9 A G	TOTAL Dry Bulb Wet Bulb		2017									≥93 F		
	TOTAL D.B./W.B.			2417							Temperatu	≥80 F	7.7	
	. 30 231										Mean No. of Hours with Temperature	≥73 F	51.1	2.5
	28 20				1						Mean No. o	≥67 F	129.6	50.5
	. 24 25 . 26 27												23.4	47.7
	. 22		C									±0.₽		
	WET BULB TEMPERATURE DEPRESSION (F)		a				_				No. Obs.	2417	2417	2417
	WET BULB TEMPERATURE DEPRESSION (F)			1							××	18.489	12.026	11,337
	WET BULB		n n	7							×	8		50.2 h
	7.8.0								-		×	175967	132797	121424
	1		100								-	3622433	7644581	6410594
	1		C Pr	0							XX 2	1362	764	642
	Temp.	0 20	~ ~ ~	5							Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb

*		TOTAL 107 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb		21 21	3 5			89 48	-	7 70	3 92	D#8 124	7 7 7	351 136	641 1	081 20	181 218	278 272	4 14	1 130	5 117	6 1	1 95	တ (7 7	י ע ייע	77 5	3, 52	2 51	C3 40	46 34	002 602	~ C	The roture	
YEARS		11 - 22 23 - 24 25 - 26 27	C	0	. c.	•	C. C. C.	•	0.	-	· ·				<u> </u>		 c√		•									-				-			
	TO TO STANDARD AND A	. 14 15 16 17 . 18 19 . 20 21	+	0	.0	1 .2	•	.62 .1	.4 .2 .1		•	- 7-	•	• 2 •		- 10	.1 .1 .1		• 	•! •	e e		•	C (. C.							No Obs.	
		. 10 11 . 12 13 . 14 1			•	•	•	. 2.	•1 •5 • 1	1.0	.1 .5 .7	53	· .	53	₩;	P	• 3			2 2 2	2	. 2.	-	•		•	1	• 1	•	•		• +-	•	× d	
STATION NAME		5.6 7.8 0							•	1	•	6	G .	C	·	•	· C	a) c			- 40	•	3	•	~	• •	~	5 . 3 . 2	2.	• 3		· .		×××	
		1 2 3.4											C.	110		1.8 2.	, e2 m e2 m	7 201 10	• -	1 1 1	7 1.3 1.	1 . 3	1.1	()	w a	0 -	U)		٠ ناري	3	• •	•	• •	• ~ × × ×	<
STATION	-	Temp.	107/101	0	10 /83	0	7	6	68 /30	α į	36 / 85	4	5 / 3	52 / 25	7: / 77	16/ 75	10/ 13	17/2	C	7.7.07.4.7.65	40	2	7		ır u	0 40 > 10	3	42/ 47	100 / 10	7	± \		70 / 7	X, tueme	

1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Total 8760.0 8760.0
000	293 F
91.04 91.04 91.04	280 F 843 8 8
Mean No. of Nours with Temperature	273 F 8825 - 71 2001 - 2
2 • 1	=32 F 99 • 5 198 • 5
9.	10 F
20. Obs.	29104 29104 29104
	060 099 472
K	8 4 7
α, , , , , , , , , , , , , , , , , , ,	1 -
0 0 0 × 2	2543464 1989499 1906176
 	1627
2 1 2 2 3 2 3 2 3 3 2 3 3 3 3 3 3 3 3 3	159611627 141784543 116517592
- 2/- 3 -4 /- 5 1711.L	Rel. Hum. Dry Bulb Wet Bulb

MEANS AND STANDARD DEVIATIONS

DRY-TULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

CECTL FIELD, FL STATION

73-82

HRS.(L.S.T.)		JAN	FEB	MAR	APR.	MAY	, NDC	JUI.	AUG.	SEP.	OG.	NOV.	PEC	ANNOAL
	MEAN	48.1	50.0				73.6		74.5	73.1	0.49	56.6	-	62.8
		11.26210.260	10.260	8.326	3	4.606	· N	•		•	•	O	6 0	ā
	TOTAL OBS	30.6	282	8	H	310	300		310	300	310	295	321	3633
	MEAN	46.95	2.84	55.7	•	L.	71.9	73.9	73.2	~	62.4	58.5		61.2
	s, O	11.6301	0	9.465	#26.9	5.315	3.240	2.900	2.485	3.476	. 88	10.5591	11.307	ŝ
	TOTAL OBS	306	J	310	M	7	300	-	-	200	310	0	α	3635
	MEAN	5.03	6.94	54.6	60.0	67.1	8	S	m	71.8	~	24.5	-	61.2
	S. D.	17.279	11.1	9	666.9	668.4	3.288	3.056	2.558	3.775	8.022	40	11.750	• 2
	TOTAL OBS	308			300	310	300	-	310	300	310	296	304	3640
	MEAN	27.9	55.0	56.1	2	0	3	N.	3	2.	73.8	5.	80	-
	S. D.	M	, •	ω (0				53	4	63	6.907	057		13.877
	TOTAL OBS	3.33	282	31	M M	7	1	M	7	300	310	297		3641
	MEAN	61.2	63.9	72.7	00	84.0	9	ċ.	9008	8.00	78.5	-	a 0	77.5
, . 	s, O	11.74710	10.946		6.754	2.494	5.564	5.402	4.650	•	601.9		~	9
	TOTAL OBS	37.9	242	31	a	310	330	-	-	300	310		O	
	MEAN	0 0 0	65.4	73.8		39 .7 8	•	*	~	ŝ	7.9	71.4	2. 20	77.1
	S. O.	11.50510	• 79	9.0	0		•	7.170	~	o.		6	5 0	•
	TOTAL OBS	376	222	-	C .	-	300	310	310	C	310	297	#O.K	-
	MARAN	- }		- 1	6				6					200
		1000	 ი (ě) (70,) ·) ·	7 6	7 4	→ 0	0 4	• [
·	TOTAL OBS	C C C	2000	00 m	202	, r	000	110	¥0.4		? ~		• ~	
		1			1	4 .		4 ∣	4 ∣	1	4	-])	
	MEAN	10°	52.7	61.5	5	7.8	76.0	77.3	76.4	75.0		58.5	2.	5.
(1	S. D.	17.670	7.7		10	4.248	3.456	3.267	2.941		7.003	.556	10.187	ŏ
	TOTAL OBS	328	j	~	m	310	~1	310	310	300	-	0	568	3636
ALL	WEAN	53.0	55.1	63.5	63	74.3	19.5	80 00 80	70.7	₽	69.3	61.	54.9	6 R . 4
HOURS	s. D.	12.968	12.94.8 12.325	11.		.7	•		ထ	•	9.570	11.447	C	14.100
	TOTAL OBS	24:1	2256	2479	242	2480	d		ဌ	2400	2485	2371	2417	

MEANS AND STANDARD DEVIATIONS

AETHIULS TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

Talenta CECIF EIEFD! LE

28-21

STATION			IS	STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNOAL
	MEAN	45.3	46.7		58.0	3	ü	72.6	2.	a a	0	3.		59.8
;,	S O	11.812	625.31	9.109	α:	5.050	3.01	M			7.876			12.571
	TOTAL OBS	3.6	282	-	300	7			-	300		0	301	
	MEAN	Ω• 3 ±	45.4	52. ñ	56.4	(1	•	-	-	O.	•	61		(K)
.,	s. O	1 1 1 42	1.047	7.816	00	•	#	4	C	3.581	8.187	C	5	
	TOTAL OBS		232	310	300	310	_				310		M	36
)									
	MEAN	2.54	44.3		56.9	#	1.	73.1		•	8		₩.	8
	S. D.	17.592	1. 4.14	10.306	8		15	50	2.244	-		21	12.082	13.700
	TOTAL OBS	378	282	M	m	~	~	7	M	300	310	ĺ	304	4
	MEAN	9.54	50.3		2.	é	3		8	4	5.	α	-	*
;	S. D.	12.269	0.963	£.	72	-	80	U	#	3.772	6.914	0	10.904	69
•	TOTAL OBS	(C)	282	310			M						30	
														1
	MEAN	3.24	53.7	•	3.	•	5.	7.	• 9	3	• 9	1	•	5.
	S. D.	11.159	10.068	8.447		4.813	2.901		1.985	3.175	6.147	8.710	-	11.195
	TOTAL OBS	329	232	310	2	7	CO		2		-	0	M	
	MEAN	- C:	53.9	65.7		•	74.3	76.3		73.9	66.1	60.9	55.2	5.3
-	S. D.	13.518	9.325	93	3	GC)	. 88	Š	2.311	٠	a.	.2	ŝ	
	TOTAL OBS	30B	282	313	300	M	300	-	-	300	310	0	64	3641
	MEAN	ان ان ان	S. C.S	5 8 ° 3	62.0	٠ ښ	73.1	÷	74.3	72.	0.49		•	63.2
,. ••	S. O	1673	624.6	7.973	5.547	4 . 39	2.936	2.382	~		*	Ŏ.	æ	11.365
	TOTAL OBS	87.8	232	-	7	-	C	4	-	30	310	297	0	S
								-	1		1			-
	WEAN	9.50	E 20 .W	56.2	59.9	66.1	71.6	73.5	73.1			#	*	61.2
į	S. D.	11.123	040.5	#	6.208	4.615	6.	2.154	2.052	=	m	<u>د</u>	-	12.070
	TOTAL OBS	87.	282	-	\mathbf{c}	-4		-	-	C	-	0	29	3
4	MEAN	47.3	40.2	56.6	4.09	¢	2	74.5		5	62.8	9	•	•
HOURS	s, O	12.057	10.893	9.469	7.58	5.542	3.560	3.055	2.895	4.174	7.752		11.338	12.473
	TOTAL OBS	24.1	2256	2479	3	8	딬	8	œ	5	9		뒭	ġ

DEVIATIONS MEANS AND STANDARD

DENT-POINT TEMPERATURES OFF F FOOM HOURLY OBSERVATIONS

AR. APR. MAY JUN. JUI	73-8. MAY JUN. JUL 2-4 69-3 71.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AUG 7 1 •	SEP SEP	8 . 3 5	- -	
47112-55415-690 7-945 5-957 3-521 2-55 306 282 309 300 310 300 31	.957 3.521 2.55 310 300 31	55.5) 2		5713.4	
1 53.3 61.4 68.3 70	1.4 68.3 70	I C.	9 70.	69.2		1 43.5	56.5
.556 6.612 3.535 2.	310 30535 20	•	516 2.498 310 310	4. N. W.	.3201 310	55613-779	• 5 36
					• 1		
1.00 41.0 49.6 54.4 67.8 69.9 72	2.8 69.9 72	\sim	1 71.2	6E • 3	. 5	42.8	56.6
-791 8-656 6-392 3-565 2-	392 3.565 2.	•	Ø; -	369.4	. 380	م م	15.163
note note note note note note note note	חוד		1		┥ .	2	r
• 4 55.4 63.6 70.5	3.6 70.5 7	73	73.	71.0	60.1 53	9 46.	6
214.38312.65410.102 7.333 3.	.333 3.822 2	2	835 2.46	£ . 5	.9911	3314.15	9.5
10 300 310 30	10 30	1	10 31	000	310	7	3641
5.7 53.2 61.b 68.9	1.6 68.9 7		.8 71.		8.7	\$ 9	
14.55312.77110.164 7.873 4.	.873 4.112	6.3	.269 2.82		02312	33414.216	67
310 300 315 35	15 35	- [10 21	30	-	97 30	3642
50.3 53.0 61.5 68.5	1.5	1	1.5 71.	0	9.8	\$ 5.	57.4
72114.26612.437 9.836 7.757 4	187 4.287	M	.421 2.93	3 4.703	20112	8414.3	
310 320 310 30	301	Ţ	11	C K		25 26	3641
.4 54.4 62.7 69.4	2.7 69.4	-	1.8 71.	0.	2.1	7 47.	α.
5513-01611-147 8-627 6-8	.830 4.369	~	.786 2.	4.1	911	19512.496	82
79 .18Z 31G 30D 31D 3D	10 33	J	31	<u></u>	-	97 29	3636
T 4.09 E. 3 0.35 5.	7.3 69.4 7	-	-	6	9.3	5.5	80
010.415 7.933 5.952 3.597 2	.952 3.597 2	N	443 2.	3	8.42511.	8212.	2
ne 232 315 300 310 300	310 300	ļ	32	30	9	202 1	
1. Eq. 4 67.4 69	2.4 69.2	~	.8 71.	69	• 6 5	1 45.4	57.7
13.47111.776 9.043 6.910 3.668	.910 3.568	~	• 8 9 B		• 005	49113.702	14.501
2430 2483 2	2 58		30 C C C C C C C C C C C C C C C C C C C	24	4 39 C	71 241	

RELATIVE HUMIDITY

CECTL FIELD, FL 28026

28-82

247

MONTH

STATION

STATION NAME

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
10.0.0 100.0 100.0 07.4 93.5 88.6 77.5 57.2 20.3 79.2 0.4 100.0 100.0 100.0 09.7 99.4 95.4 88.2 50.4 61.1 28.8 81.0 17 100.0 100.0 99.7 99.4 96.4 91.3 79.2 63.6 30.2 81.7 17.5 81.7 17.5 81.7 17.5 81.7 17.5 81.7 17.5 81.7 17.5 17.5 81.7 17.5 81.7 17.5	(L.S.T.)		20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
100.0 100.0 100.0 190.0 95.4 88.2 50.4 61.1 28.8 81.0	6	100.3	100.0	90	4.70	m	oc.	77.5	51.5	C)	79.2	396
17 100.0 100.0 190.7 99.4 96.4 90.3 79.2 63.6 30.2 81.7 16 100.0 100.0 99.4 92.9 83.4 72.4 56.5 37.7 17.5 71.5 17 100.0 96.4 87.1 72.8 52.6 33.7 20.1 10.4 4.2 53.3 16 100.0 66.1 81.2 67.5 45.5 28.9 16.2 17.1 2.9 50.4 17 100.0 66.1 80.7 74.8 66.9 11.0 74.8 100.0 100.0 76.5 90.0 82.1 67.9 41.6 11.0 74.8 100.0 100.0 70.6 80.0 82.1 67.9 41.6 11.0 74.8 100.0 70.0 80.0 70.0 82.1 67.9 41.6 11.0 74.8 100.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 100.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 100.0 70.0 70.0 70.0 70.0 70.0 70.0 70.	đ	100.0	100.0	36		S.	8	C	-	a:		306
17 100.0 100.0 99.4 92.9 83.4 72.4 56.5 37.7 17.5 71.5 17 100.0 98.4 87.1 72.8 52.6 33.0 20.1 10.4 4.2 53.3 15 100.0 66.1 67.5 45.5 28.9 16.2 17.1 2.9 50.4 17 100.0 100.0 98.7 92.2 78.6 64.3 42.2 20.1 4.9 65.9 27 100.0 100.0 98.7 96.8 30.0 82.1 67.9 41.6 11.0 74.8 100.0 100.0 66.8 70.0 82.1 67.9 41.6 11.0 74.8 100.0 99.3 95.8 70.0 58.5 55.7 77.7 15.0 69.7	c :	100.0	100.0	7.66	4.66	96.4	93.3	79.2	63.6	0	-	378
17 100.0 98.4 87.1 72.8 52.0 33.0 20.1 10.4 4.2 53.3 15 100.0 96.1 67.5 45.5 28.9 16.2 17.1 2.9 50.4 17 100.0 98.7 92.2 78.6 64.3 42.2 20.1 4.9 65.9 27 100.0 100.0 96.5 90.0 82.1 67.9 41.6 11.0 74.8 100.0 100.0 96.5 90.0 82.1 67.9 41.6 11.0 74.8 100.0 90.3 95.8 70.6 58.5 27.7 15.0 69.7	£.,	100.0	100.0	0	2.	₩.	2.	\$	37.7		•	60 C. M
15 100.0 Ge.1 81.2 67.5 45.5 28.9 16.2 110.1 2.9 50.4 10 100.0 98.7 92.2 78.6 64.3 42.2 20.1 4.9 65.9 22 163.0 100.0 100.0 66.8 90.0 82.1 67.9 41.6 11.0 74.8		103.0	98.6		•		m	20.1	S.	•	m	379
10 100.0 100.0 98.7 92.2 78.6 64.3 42.2 20.1 4.9 65.9 82 100.0 100.0 100.0 96.5 30.0 82.1 67.9 41.6 11.0 74.8 100.0 100.0 96.5 30.0 82.1 67.9 41.6 11.0 74.8 100.0 100.0 96.5 89.8 70.6 50.5 55.7 15.0 69.7		100.0	16.1	-	7.	S.	စ်	16.2	1.1	•	5	30 B
22 103.0 100.0 100.0 96.5 90.0 82.1 67.9 41.6 11.0 74.8 100.0 9.3 95.8 89.8 79.4 58.5 55.7 27.7 15.0 69.7	12	133.0	100.0	(C)	2		3	2.	20.1	•	د	80 C M
10r.0 09.3 95.8 89.8 79.4 58.5 25.7 15.0 69.7	3.5	103.0	100.0	00	9	•	2	67.9	41.6	11.0		308
10r.0 09.3 95.8 89.8 70.4 58.5 55.7 15.0 69.7												
10r.0 09.3 95.8 89.8 70.4 58.5 55.7 15.0 69.7												
10r.0 09.3 95.8 89.8 70.4 58.5 55. 37.7 15.0 69.7												
101-0 09-3 95-8 89-8 79-4 58-5 55-7 27-7 15-C 69-7												
	S	101.0	2.60	•	6		10	10	27.7	u i	0	2461

RELATIVE HUMIDITY

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FIELD,
Crett
67.64.0

13-37

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STATION NAME

STA TION

		HOURS) 	{ !	PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
11 100-0 100-0 100-0 99-3 95-7 87-2 72-7 45-7 17-1 104 100-0 100-0 100-0 99-6 96-1 89-6 78-4 56-4 15-0 17 100-0 100-0 100-0 99-6 91-8 79-1 61-7 45-7 25-2 7-8 17 100-0 100-0 99-6 91-8 79-1 61-7 45-7 25-2 7-8 18 100-0 07-5 62-3 67-0 48-2 27-7 17-4 13-8 7-8 19 100-0 100-0 95-4 64-4 68-4 51-8 30-5 15-6 3-5 19 100-0 100-0 95-4 64-4 68-4 51-8 30-5 15-6 3-5 19 100-0 100-0 95-4 64-6 90-1 77-5 60-6 29-8 5-7 19 100-0 100-0 94-0 37-2 76-5 64-5 50-5 37-3 9-7 100-0 100-0 94-0 37-2 76-5 50-5 57-3 9-7	MONTH	(L.S.T.)	%Ot	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	08S.
100.0 100.0 100.0 99.6 96.1 89.6 78.4 56.4 16.0 100.0 100.0 100.0 99.6 21.8 77.7 91.8 81.2 59.9 19.1 100.0 100.0 99.6 21.8 79.1 61.7 45.7 25.2 7.8 17 100.0 07.5 62.3 67.0 48.2 27.7 17.4 13.8 7.8 18 100.0 95.0 74.8 56.7 37.6 25.5 17.4 11.7 2.6 19 100.0 100.0 95.4 84.4 68.4 51.8 30.5 15.6 3.5 19 100.0 100.0 99.2 90.1 77.5 60.6 29.8 5.7 107.0 100.0 99.0 99.7 90.1 77.5 60.6 29.8 5.7 107.0 100.0 94.0 37.2 76.6 64.0 50.5 37.3 9.7 107.0 99.1 94.0 37.2 76.6 64.0 50.5 37.3 9.7	د الله الا الله الله	emit L	100.0		100.0	59.3	95.7	7	63	45.7	12.1	77.1	282
100.0 100.0 100.0 100.0 39.3 97.7 91.6 81.2 59.9 19.1 100.0 100.0 99.6 91.8 79.1 61.7 45.7 25.2 7.8 1 100.0 07.5 62.3 67.0 48.2 27.7 17.4 13.8 7.8 1 100.0 05.0 74.8 56.7 37.6 27.5 17.4 11.7 2.6 1 100.0 100.0 95.4 84.4 68.4 51.6 30.5 15.6 3.5 1 100.0 100.0 100.0 99.7 90.1 77.0 60.6 29.8 5.7 1 100.0 100.0 94.0 27.2 76.6 64.0 50.5 37.3 9.7 1 100.0 100.0 27.2 76.6 64.0 50.5 37.3 9.7 1 100.0 100.0 100.0 100.0 100.0 100.0 1 100.0 100.0 100.0 100.0 100.0 100.0 1 100.0 100.0 100.0 100.0 100.0 100.0 1 100.0 100.0 100.0 100.0 100.0 100.0 1 1 1 1 1 1 1 1 1		n ci	100.0						60		16.0	•	282
15 105-0 105-0 99-6 91-8 79-1 61-7 45-7 25-2 7-8 17 105-0 67-5 52-3 67-0 48-2 27-7 17-4 13-8 7-8 18 135-0 74-8 56-7 37-6 27-5 17-4 11-7 2-8 19 107-0 105-0 95-4 64-4 68-4 51-8 30-5 15-6 3-5 19 105-0 155-0 155-0 69-5 95-1 77-5 65-6 29-8 5-7 19 107-0 99-1 94-5 57-2 76-6 64-5 50-5 37-3 9-7			100.0		100.0	•	97.5			59.9	0	cj.	242
17 100.0 95.0 74.8 56.7 37.6 27.7 17.4 13.8 7.8 15 100.0 95.4 84.4 68.4 51.8 30.5 15.6 3.5 12 100.0 100.0 95.4 84.4 68.4 51.8 30.5 15.6 3.5 12 100.0 100.0 69.7 90.1 77.0 60.6 29.8 5.7 107.0 99.1 94.0 57.2 76.6 64.0 50.5 32.3 9.7			100.0		9.66		79.1	61.7	45.7	25.2	•	5.99	292
15 100.0 95.0 74.8 56.7 37.6 75.5 17.0 11.7 2.6 12 100.0 100.0 95.0 64.0 68.0 51.8 30.5 15.6 3.5 12 100.0 100.0 69.1 77.0 60.0 29.8 5.7 12 100.0 <t< td=""><td></td><td></td><td>103.0</td><td></td><td>7</td><td>67.0</td><td>m</td><td>27.7</td><td>17.4</td><td>P3</td><td>•</td><td>-</td><td>262</td></t<>			103.0		7	67.0	m	27.7	17.4	P3	•	-	262
13 10f.d 100.d 95.4 84.4 68.4 51.8 30.5 15.6 3.5 15.0 150.d 100.d 69.2 90.1 77.0 60.6 29.8 5.7 2 100.d 100.d 69.2 90.1 77.0 60.6 29.8 5.7 2 100.d 69.1 94.0 57.2 76.5 64.5 50.5 32.3 9.7		4	130.0		74.8	56.7	37.6		17.4	11.7	•	47.5	282
190-0 100-0 100-0 69-3 90-1 77-5 60-6 29-8 5-7			105.0		LC)	3	8 0	-	•	2.	•	60.5	232
197-9 39-1 94-0 37-2 76-5 64-5 53-5 9-7		2	150.0	100.0	80		90.1	27.5	9•69	G.	5.7	72.1	292
197-9 39-1 94-0 37-2 76-6 64-6 50-5 32-3 9-7													
197-9 39-1 94-0 37-2 76-6 64-6 50-5 32-3 9-7													
107-0 09-1 94-0 57-2 76-6 64-5 50-5 32-3 9-7													
197-9 39-1 94-0 37-2 76-6 64-6 50-5 32-3 9-7													
	101	ALS	•,		Е ₩6	37.2	76.5	3.49	c	32.3	4.0	6.99	9522

RELATIVE HUMIDITY

CFCIL FIELD, FL 2000

13-32

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MONTH

STATION

STATION NAME

PERIOD

MONIA	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	Z OIAL
	(LS.T.)	%01	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
् स्ट	174 177	100.00	1-C-E	1.00	n*66	58.1	93.2	81.3	53.5	16.5	80.2	310
	ŧ	10.01	100.0	100.0	7.60	98.1	93.2	% .∂ 6	63.5	20.3	82.3	310
	<u>;-</u>	103.8	150.0	100.0	100.0	98.7	95.6	4 • 8 8	70.0	23.2	83.8	310
		100.0	100.0	92.1	#•6 8	75.5	54.8	37.1	17.7	6.8	63.4	313
		100.0	78.1	80	65.5	38.4	21.6	13.5	9.1	2.3	\$.	310
		101.0	27.1	79.7	20.7	34.8	23.2	13.9	6	2.3	47.1	310
	-	100.0	135.0	95.3	4.7.	70.3	47.1	24.2	11.9	2.4	59.7	310
		187.7	100.0	7.06	ย•65	92.5	ທ. ທ.	63.2	31.9	9•0	73.8	310
											!	
								-				
7	TOTALS	100.0	5.9. ₽	7.46	5.7:	75.3	64.3	51.1	33.2	9 • 1	67.4	28 # £

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CECTL FIELD, FL 353.6

STATION

79-27

200

HONTH

STATION NAME

	HOURS		 	PERCENT	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRI	EATER THAN			MEAN	TOTAL
MON	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
ί. •:		103.3	ម•ខ⊔1	រៈ១០៖	29.7	98•3	96.3	83.7	1.94	8.0	7.67	300
	27 1.	137.en	100.0	138.5	1000	98.0	95.7	7.88	61.7	14.7	81.6	300
		C) (1) (1) (2)	100.0	100.0	100°C	J • 85	45.7	89.3	63.7	16.3	92.3	300
	(~,	E - DB1	100.0	46.7	₽ 3. Ω	62.7	34.3	16.7	Û• &	1.3	55.8	300
		100.0	ָ ט• ני	7.07	57.3	24.0	11.3	6.3	3.3	٠.	43.6	300
	, r	103.0	77.0	74.7	31°C	23.7	12.7	80	C .	٠.	42.8	300
	C	120.0	100.0	96.3	79.7	58.7	73.3	15.0	7.7	•	3. 3.	370
	Ç	€. €.	10.0	100.0	1.60	94.3	92.7	5.4°C	23.3	7.5	71.2	300
					_							
							-					
101	TOTALS	107.3	€ 6 c	93.4	8.3.8	69.7	57 · B	£ 0 0 ds	27.3	5.7	63.9	2470

RELATIVE HUMIDITY

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MONTH

STATION NAME

STATION

PERIOD

10-21

(4.51) 10% 20% 30% 40% 50% 60% 7		HOURS			PERCENT	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRI	EATER THAN		,	MEAN	TOTAL
100.0 100.0 100.0 69.7 99.7 98.7 94.1 100.0 100.	ž Ž	(1.5.7.)	01.	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
100.0 100.0 100.0 39.7 99.7 98.7 98 100.0 100.0 39.7 99.7 98.7 93 100.0 100.0 39.7 98.7 93 100.0 100.0 39.7 99.7 92.6 78.7 46.8 21 100.0 1	≯	## *	100.0	100.0	100.0	1.65	99.7	OC)	5.46	71.0	21.0	£ • ħ ₹	310
100.0 100.0 100.0 100.0 39.7 98.7 93 100.0 100.0 99.7 °2.6 78.7 46.8 21 100.0 100.0 99.0 72.9 39.0 17.1 7 100.0 100.0 99.0 71.0 75.2 52.3 32 100.0 100.0 100.0 79.7 99.0 75.2 75		3	10.0	100.0	00		.6	<u>.</u>		80.6	31.3	0.18	310
7 100.0 100.0 99.7 92.6 78.7 46.8 21 100.0 99.7 91.0 72.9 39.0 17.1 7 100.0 100.0 99.0 71.0 75.2 52.3 32 100.0 100.0 100.0 79.7 99.0 92.3 75			100.4	103.0	(3)	ا 0	29.7	œ	93.9	79.0	31.6	86.5	310
7 100.0 c9.7 91.0 72.9 39.0 17.1 7 150.0 39.4 89.5 67.7 42.6 25.8 13 2 150.0 100.0 99.0 01.0 75.2 52.3 32 2 1500.0 100.0 100.0 09.7 39.0 92.3 75			100.0	100.0	7.66	2		دعا	21.9	7.7	1.6	66.3	313
750-0 99.4 89.0 67.7 42.6 25.8 13 0 107.0 100.0 99.0 71.0 75.2 52.3 32 0 100.0 100.0 79.7 99.0 92.3 75			100.0	1.60	91.0	•	•	-	7.4	8 7	F • 1	3. 83	310
0 103.0 100.0 99.0 11.0 75.2 52.3 32 0 100.0 100.0 79.7 99.0 92.3 75			137.0	4.60	0	67.7	•	ir	13.5	7.1	5.9	۶. د. د.	310
7 1800-0 1800-0 79.7 99.F 92.3 75		13	103.8	170.6	0.	-	u ·	C:	32.9	17.1	رم 8	63.1	313
		6 i	100.0	100.0	83	6	39€	N	75.5	45.2	11.3	77.8	310
TOTALS 107.0 07.3 07.7 30.4 77.2 66.3 54	101,	ALS	100.0		•	•	79.2		54.5	39.1	17.4	8.69	2430

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

CECTL FTCLD, FL 22500

STATION

STATION NAME

17-57

MONTH 30.7

	HOURS			PERCENTA	IGE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONIM	(1.S.T.)	10%	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	085.
N. H	n	133.7	1,73.0	100.0	170.C	188.9	1.66	76.7	17.7	25.7	85.8	300
	:: : ' ;	100.0	190.0	190•0	120.0	100.0	100.0	5.82	91.0	36.07	88.7	300
	.	130.0	160.0	100.1	1 n3.8	150.0	196.0	97.3	86.3	34.3	F7.8	370
	٦,	103.8	100.0	1.90.0	£•60	91.0	67.3	21.7	7.3	1.3	१० १५	300
	p. 1	197.0	100.0	09.7	5000	52.7	22.3	12.3	7.3	C.	3 e # 5	0U£
	J° ed	100.0	109.3	2.66	€ • € 4	57.3	30.0	19.5	12.0	٠,	56.1	300
		E	156.0	7.66	7.7.7	2.68	73.3	0 • £ 5	24.0	10°3	2.69	30 G
	£.,	130.5	100.0	100.3	100.5	2000	98.3	£ € €	53.3	14.0	7.00	300
2	TOTALS	100.0	0•001	2•65	66.3	5.63	73.8	26.69	X • ##	15.7	73.4	2470

RELATIVE HUMIDITY

100

HONTH

STATION

STATION NAME

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24-82

HOURS	~ -		PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
Ê	010%	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	OBS.
-	100.0	0• 65 1	133.0	3 • DC 1	100.0	100.0	¥.6%	86.1	36.5	88.7	313
3	130.0	130.0	100.0	1:0.0	100.4	150.0	7.66	93.5	# • 6 #	6.06	310
7	100.0	100.0	150.3	178.8	130.0	100.0	100.0	9.00	2.44	0.96	310
· ·	100.0	100.0	100.0	100.0	98.7	76.1	79.4	نه د د	1.3	6.99	313
ac.	100.0	100.3	4.66	± 9 €	5.23	59.4	11.6	7.7	6 ·	56.9	313
7	113.8	100.0	500	01.3	63.4	\$ e 5	27.7	20.0	10.3	6.1.	313
	130.0	100.0	100.0	29.7	95.2	78.4	51.6	31.9	12.9	72.8	310
	2000	130.0	100.0	100.0	1.00.1	7.60	91.3	56.5	23.0	93.7	310
	u• 70.₹	100.0	63.7	₽.8 99	6.06	70.0	63.9	\$	B - C C	76.5	2433

RELATIVE HUMIDITY

CECTL FIELD, FL

25-22

MONTH ÚO ₹

STATION

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONIH	(1.5.1.)	10%	20%	30%	40%	%05	%09	20%	80%	%06	HUMIDITY	OBS.
2.00	5	1000	105.3	100.0	3*0. t	រ ខេត្តប	100.00	h* 60	0.00	4.7.4	&	310
		100.0	1 3 6 • 3	100.0	1:00:0	100.7	100.0	η•66	2.46	53.2	91.1	310
		100.0	130.0	100.0	100.0	100.0	100.0	49.7	93.5	56.8	91.6	310
	ž , i	103.1	100.0	100.0	170.0	3.00	92.3	55.2	1.0	2 • 3	6F.6	310
	, 	n n n	100.0	100.0	7.80	75.5	30.02	14.2	7.4	1.9	58.5	310
		105.9	100°3	100.0	27.1	72.3	42.7	27.4	a. 4	رب ده ده	62.5	310
	;	178.5	100.0	130.0	1 70.0	49.7	92.3	63.2	36.1	13.9	76.1	310
	Ç-	100.0	100.0	100.2	1.3.0	1.30.8	136.0	97.4	72.8	27.2	85.6	339
101	TOTALS	103.7	1:10.0	130.3	\$ • 60	93.4	31.5	67.0	52.3	26.2	78.0	5410
							1					

And a fertility of the second state of the sec

RELATIVE HUMIDITY

CECTE FIELD, FL 28226 STATION NAME

STATION

17- - : 1

6/1 6/1

MONTH

	200			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	NOTAL NOTAL
	(L.S.T.)	%01	20%	30%	40%	30%	%09	20%	80%	%06	HUMIDITY	OBS.
(). 14.	## 65	10.3.0	190.0	103.0	150.5	69.7	1.00	U*66	93.3	365	87.2	300
]]	137.0	150.0	្នេញ១ រុ	1:00.0	100.0	7.06	68.3	87.7	0.9%	88.5	300
	F: 27	100.0	100.0	100.0	100.0	100.0	1.66	7.85	89.3	40.7	89.1	300
	1	137.	1:00.0	100.0	7.60	7.16	91.0	Ω•π ≤	12.3	2.3	63.4	300
	-	100.0	190.0	100.0	0.80	67.7	35.3	17.7	7.3	m.	58.6	300
	1.5	1.30.0	100.0	5.66	95.3	74.7	0.94	27.0	15.3	5.7	61.7	300
	C:	123.7	198.0	100.0	69.1	99.7	92.3	62.3	33.3	12.0	75.7	300
	C:	120.B	100.0	100.0	170.5	1 00 n	1.66	95.3	62.3	21.0	3.58	300
101	TOTALS	100.0	100°C	169.0	ଅ ୍	4.36	91.7	66.5	48.7	13.5	76.6	54.0

RELATIVE HUMIDITY

PREST CECTL FIELD, FL.

PERIOD

2--21

JCT WONTH

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN PEL ATIVE	TOTAL
MOMIN	(L.S.T.)	%01	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
E.	ċ,	10៤.ព	190•0	100.0	გ•6 ა	98.7	96.5	ង• 68	64.8	17.1	82.3	310
	27.5 2-7	100.0	100.0	100.0	2.63	98.7	96.3	99.0	68.1	10.61	83.1	310
	13	100.0	1:0.0	100.0	100.0	7.9.7	96.8	90.3	69.7	21.0	A3.9	310
	. 1	100.0	100.0	100.3	56.1	2.53	63.0	9.62	4.1	3.	63.4	318
	•-4	150.1	7.90	94.5	0.00	52.6	25.5	11.6	€3 ∓	9.	52.5	310
	=	130.0	29.7	93.5	30.6	57.4	27.1	15.8	5•5	1.9	53.5	310
	ç,	103.0	100.0	1.00.0	1.62	7.76	84.2	51.9	17.7	2.4	71.1	310
	£.	100.0	100.0	100.3	130.0	4.66	96.5	82.3	46.8	°€6	3.67	310
				,								
۲	TOTALS	100.0	6.60	5*80	# # # C	2.69.2	72.9	57.5	35.9	£3.6	71.1	บิชช2

RELATIVE HUMIDITY

30-21 STATION NAME CECTA FIELD, FL 218.6 STATION

V O V

E Z	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
	(1.5.1.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS. OF
:: C 2:	30	120.ព	100.0	125.3	L*60	98.3	93.9	87.1	56.4	23.7	83.0	5 6 2
	a t	160.0	100.0	100.0	1.9c	98.6	34.02	æ. 6 • 1	8.69	24.7	83.5	295
	50	100.n	103.0	189.3	2.6 5	ଅ•66	95.9	86.8	70.6	26.0	84.2	962
	C .	130.0	1:0.0	1.66	3.46	85.9	73.1	50.8	25.9	7.1	6.39	162
		100.0	0.66	92.3	1.13	58.9	31.3	16.9	7.7	1.3	54.0	297
	7.7	100.0	0°6c	89.6	76.8	56.9	35.0	19.5	9.1	2.4	54.5	297
	<u>.</u>	100.0	179.0	100.3	0 .8 c	94.6	86.9	61.6	33.3	ε.	73.6	262
	200	100.0	159.0	100.0	7.96	97.6	94.3	86.5	89.9	16.5	81.4	297
101	TOTALS	133.3	80 € 8	97.7	73.7	x ۍ د.	75.6	25.2	42.8	1 7 . 4	72.9	2371

RELATIVE HUMIDITY

CCCIL FIELD, FL 12 K 02 1 2

STATION

STATION NAME

PERIOD

77-83

MONTH 350

T N C	HOURS			PERCENT	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
	(1.5.1.)	°01	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	08S.
נינ	71.	100.0	100.0	100.3	103.6	4.16	61.0	32.7	26.8	23.3	81.0	301
	70	150.0	100.0	100.0	150.0	98.7	02.1	52.3	63.2	24.2	82.3	302
	4.5	100.7	100.0	100.0	100.0	39.7	4. 20	95.5	ຄ. ຄ.	27.3	83.2	304
	-1	100.0	1.0.0	1.66	4.70	86.8	71.7	9.48	34.5	15.8	71.9	304
	1.7	100.0	100.0	92.1	78	59.9	38.2	23.7	15.5	₩ •	\$6.8	304
	¥,	1361	D*60	87.8	71.4	57.9	33.5	25.7	89 **	w. 4	55.5	304
		155.0	193.6	100.0	7.80.7	91.3	80.9	59.2	29.8	4.7	72.5	568
	د ،	100°C	100.0	100.3	1:000	2.90	91.6	17.3	49.5	10.1	79.2	562
101	TOTALS	107.3	6.60	97.5	93.3	ુ•9ક	8° h2	61.4	41.2	16.1	72.8	2417

RELATIVE HUMIDITY

AND CHOIL PIELD, FL

STATION NAME

STATION

PERIOD

13-02

ALL

MONTH

	HOURS		:	PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	SATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	08S.
(A)	יור	100.0	09.3	8*56	8 • 68	3.01	6 d • 5	0* \$5	37.7	15.0	69.7	2461
ැඩ [4] ව		100.0	09.1	C*#6	2.7.2	76.6	64.0	50.5	32.3	7.8	6.99	2286
દેર ચ ૧		193•0	₩•65	7.46	8.13	¥°54	64.3	51.1	33.2	10.6	67.4	2480
fi. 0		160.0	5.65	93.4	83.8	1.69	57.8	45.3	27.3	5.7	63.9	2430
> a		100.0	6.60	97.3	90.4	79.2	66.3	54.5	39.1	13.4	69.8	2480
200		100.0	100.0	99.8	96.3	86.5	73.8	59.0	ಖ ಕ ಕ	15.7	73.4	2400
100		139.9	150.0	6.66	7 • 8 0	6 • 36	75.6	63.9	511.6	22.8	76.5	2480
្រាត		106.3	190.0	100.0	3.65	93.4	81.9	67.0	52.3	26.2	78.0	2479
a U.		100.0	133.0	100.0	5 € 8 €	92.4	91.7	66.5	48.7	18.5	76.6	2400
100		130.1	6.66	5.86	ħ•ħć	2.98	72.9	57.5	35.9	2.6	71.1	2480
ACN		100.0	6.65	7.70	03.7	86.2	75.6	62.2	45.8	13.4	72.9	2371
נונ		100.0	6.60	97.5	63.3	36.⊓	74.8	61.4	41.2	16.1	72.8	2417
10	TOTALS	100.0	1.66	97.4	92.8	83.5	71.7	57.8	40.5	14.6	71.6	29104

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

THE POST OF THE PERSON OF THE

WIND DIRECTION

JANUARY 1973-DECEMBER 1962

JA NUAP Y

HOURS 6.5.T.

°, OF TOTAL									. 7	2.9	\$ ° \$	7.5	12.8	13.6	14.2	12.1	10.9	6.6	7.0	æ •	0.	.2	C•													139
TOTAL FREG.									91	77	26	195	315	335	349	d 0 2	267	235	173	20	C3	7	0-4													246
CALM										1 • 4	3.1	7.6	9.2	17.9	•	19.3	17.6	21.7	54.9	•		•	0 º C . T													16.1
WNW WNW											5 • 2	۲ ع	7.9	1001	11.5	17.4	24.7	26.0	23.1		31.5	25.0													- }	15.5
wsw, 8 w.									1 5 . 8	35.7	5€.6	17.8	6.41	14.9	13.8	16.8	19.1	15.7	16.2	16.3	22.7	<u>0</u> • 0 ≥														16.9
\$5 W									57.0	31.4	27.8	25.4	16.5	7.2	5.7	m	2.2	H.W	2.0	3.2	4.5														- 1	7.0
SSE & S									25.0	30°C2	23.7	17.8	15.2	13.1	5.2	2.3	1.5	:5	1.2																	•
ESE A SE									E • 4	5.9	13.4	5.4	1104	5.01	2.3	3.7	1.1	0												 -					- †	3
υ. υ. Ζ. «ς										5.7	×.1	9.6	11.7	6.1	9.2	5.7	4.1	3.	1.2														·			•
7 Z										-7	2.1		ŀ	1	ł				6.9		3				† !	!			 	 		 !		-	ì	E
3 Z Z Z ≈0											1.7	3.0	5.7	5 . 3	16.9	15.₽	19.5	23.4	23.7	24.7	15.2				 		- ·	:		! ! :	į				!,	•
TEN.P.	122.	17,10,21	112 TO 116	111 CT 701	102 TC 106	101 CT 70	92 10 %	87 10 91	82 10 86	13 07 77	72 10 76	6/ TO 71	82 T.3 66	57 TO 61	52 70 56	47 70 51	42 TO 46		32 70 36	27 72 31	22 70 36	1. 10 21	12 13 16	7 10 11	2 7 5 6			- 		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					3.	TOTALS

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

FE RUARY JANUANY 1973-PECEMBER 1982

				-	WIND DIRECTION	CTION					
TEA:P.	3 Z Z 4	37 8		ESE S SE	\$5E 8.5	\$5 W	3 S	3 Z &	N J W C	TOTAL FREQ.	°, OF TOTAL
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11.10.11											
4.0181°	 										
		 	†								
1327 38		1	· — †					_			,
32 4 4 6 6											
e2 1 25											
11 (2 /3)	+ +	<u>+</u>						+			
82 10 36	1				•	21.1	4.		- 1	C	a
77 10 81	7.5	~	9	! !	•	27.4	7100	-	2.5	5.3	
92 0. 21	\$	~	11.		14.2	27.6	23.6			127	2.6
9, 5		3.7	13.9		S	24.5	3 . 3	200	3	245	7
16 5 7 20	ν. 	•	1 3	1	13.4	•	21.9		c	283	
12 10 11	9.6	13	16.		7.1	9.3	17.6		13.	312	7
97 7 79	11.3	17	1.		•	5.5	16.3	11.3	19.3	327	-
12 01 74	17.9	17.	Ť		2.5		•	17.5	17.	274	-
45 . 26	21.6	~				3.7	•	16.3		273	~
J7 1C 41	35.5	12.		q•	• 6	1. 4	13.9	14.5	2 E .	165	7.3
32 73 30	78 • 3	3.	•		<u>ه</u>	. • 1	12.4	21.2	3	117	ر: د
27 13 21	0° 60°	4	• 				12.5			55	•
22 70 26	C							200	ម	17	• 2
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9,013			- 			_					
7.10.11	1 I			 							
2.79				·							
			 								
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13.13-29			:								
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	ָר יַר		- د د	~	1	,	27.9	12 6	2	2264	0.00
IOIALS	7.077	•	•		•	3		1.021	10.1	7 7 7	-

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

WIND DIRECTION

JANUARY 1973-DECEMBER 1982

MARCH

	1	+	1								
ar i	5 2 7 2		4.	 3	\$35 * ¢	SSW	wsw.	>> 2 × ×	CALM	TOTAL FRFO.	% OF TO:AL
	+			81			;	,			
	- +	+	÷ : : : : : : : : : : : : : : : : : : :								
1.		·- · •							_		
	-	L			· · · · · · · · · · · · · · · · · ·						
		ļ !									
5 22	1								<u> </u>		
?	100.0			-						p-4	C.
		 		7	# ° C'S	21.7	3.	5.07	4 . 3	23	6.
162 TO Be	1.0	C.	5.2	7.2			2	11.3		16	3.9
13 0. 14	3.5	1.0	13.7	16.2	İ	21.3	2	2.1	4.1	197	7.9
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52 10 56	5.05	-	6.30	1.9		5.3	12.1	7.9		265	15.7
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.
WIND DIRECTION

JANUARY 1073-55 CEMBER 1982

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77 10 81	0.4	9.	•	3	11.7	12.3	15.C	۳,	12.0		-
72 10 75	T. CO	Į	10.	7	11.2	8.6	10.8		25.5	5376	18.5
17 CT 78	11.2	12.	C	7	10.6	10.2	12.2	5.	20.2		
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57 70 01	74.8		7.	~	0.4		ļ				
52 TC 56	18.1		6	-	3.6	0.€		11.1			5.9
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37 TC 41	2	8.2	∞	*	•	2.3	14.8	18.1			2.6
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PART F

PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page Presented in this part are two tables giving the means, standard deviations, and total number of observations period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- . Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.

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DEVIATIONS STANDARD ۵ Z MEANS

5

DESERVATIONS **HOURLY** FROM V: E PRESSURE SEA LEVEL

> <u>ار</u> FIELD. CECIL

STATION

CO THE

STATION NAME

73-82

3635 \$. 59 CI 3642 1016.8 3636 1018.5 4.519 3633 1017.5 1018.2 4.634 4.610 4.491 4.586 1018.4 4.534 1019.4 4.731 1017.4 1018.0 3640 364] 3641 ANNUAL 5.227 500 5.260 302 020-1 019.31020.0 0.020 025-11020.5 # C M 021.9 5.323 5.350 019.0 5.345 5.204 019.61020.3 5.291 019.31020.11020.7 5.171 301 2.991 3.981 4.107 300 310 297 3.680 3.925 019.41 521.21 4.039 3.887 295 3.941 4.057 4.069 297 4.004 295 297 297 296 Š 3.827 14.710 17.710 3.675 017.81 018.11 310 3.679 3.881 3.914 3.756 CIE 310 310 oct. 3.041 017.71018.21016.51 2.902 016.01 015.31 016.31 017.2 3.128 C15.3 5.999 2.673 3.077 2.899 300 300 300 300 300 SEP. 317.716 015.71016.61017.01 2.958 2.513 2.521 10.710 017.91 516.51 016.910 017.31018.31018.81 2.492 2.483 2.523 2.474 2.487 2.566 310 2.521 AUG. 3.020 2.529 1020.31020.01013.01018.11015.41016.31017.31 2.578 2.543 017.6 515.11015.2 3.394 2.611 310 318 2.483 013.31015.71016.51017.6 5.186 3.773 3.017 2.528 310 310 2.472 310 2 걸 3.596 2.956 016.71 3.090 2.941 300 2.953 รกด 00~ 300 300 300 300 Š 3.596 5.203 3.802 014.81 016.3 5.221 3.853 017.01014.51 3.694 4.945 3.620 3.645 3.638 310 310 310 310 -310 MAY 117.41 018.61 018.21 5.203 5.221 5.764 5.161 300 5.065 5.053 300 200 300 APR. 1922-01021-61019-41 1019-01018-51016-51 5-699 5-580 5-612 1020-01019-21017-01 8.31 1320-01019-51017-21 5-840 5-317 5-494 1020.54020.34018.34 5.485 5.554 5.612 1720-81020-31018-31 5-64% 5-393 5-399 5.483 310 5.502 310 5.443 213 310 5.607 310 MAR. 5.502 5.357 282 5.464 5.256 292 282 282 282 FEB. 5.930 1720-24 5.798 5.536 3 5.811 5.653 ار د 323 ¥ C € NY. TOTAL OBS TOTAL OBS TOTAL OBS TOTAL OBS TOTAL OBS TOTAL OBS FOTAL OBS MEAN MEAN MEAN MEAN MEAN MEAN MEAN s. D. s. Ö s o s. D. s. D. s. O Ö S. D. vi HRS.(1.5.1 ~

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4.072

3.860

3.071

2.603

2.613

3.070

3.778

5.178

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5.479

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HOURS

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1020-41019-94017-94

MEAN

300

300

310

282

80 M

TOTAL OBS

2371

2480

2400

2480

2480

2400

2480

2400

2479

29104

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATIONS

STATE CECIL FIELD, FL STATION

73-82

STATION NAME

YEA

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HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	17.054B	30.044	1986.52	19.987	ć	986.62	596*67	176.62	126.92	1916.62	51.00°	0.052	
	S. D.	168	.155	.160	⇉	.197	180.	470.	# L .	. DA 5	.158	. 114		.132
	TOTAL OBS	3.5	282	7	300		300	310	210	300	310	295	C	
		,	;											
	MEAN	21.342	30.028	29.961	196.6	O	29.918	29.945	56	07	29.9613	10.023	0.04	
e.	S. D.	.171	.157			.138	880	•075	.075		.103	.115	.154	.135
	TOTAL OBS	3.5	332		300	Ħ	디				-	0	0	-
	MEAN	27.000	54.052	95	30.003	27	29.947	7.	60	29.934	29.988	0.0	0.059	29.997
٨.	s O	.171	• 1.5	.162	3		.088	.074		1 60 •	.108	.116	.156	.134
	TOTAL OBS	378	- 1	310	c.	310	d	-	310	C	-4	O	C	3
										- 1				
	MEAN	77.104	30.001	27	30.026	50.044	29.963	95	'A)	62	Ċ	ព.១ន	7	2
٠,	s, O	.175	.162	.165	.154	.112	260.	.077	. J76	• 09.5	.112	•119	.157	7
	TOTAL OBS	3.18	132	310	C	-	-	-	-1	d	-4			3641
			,											
	MEAN	2 : 0 0 49	30.050	29.993	906.60	29.916	29.941	20.973	29.951	29.931	29.9793	55.0283	0 ° D	
-	S, D	.171	• 162	ď.	.153	.111	Ce D •	•076	· 675		. 114	.120	.158	.135
	TOTAL OBS	379	282	Ħ	2	#	ci	7		C	-	Ø	u	3
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	MEAN	11.00142	666 . 0	ं अ	29.646	1	100.62	10		\Box	3	•	0.0	
	s, G	.158	.165	.166	7510	.114	266.	940°	.775	6.000	.117	.121	.158	.137
	TOTAL OBS	375	282	-	- (1		C 1	-	310	c	-4	0	(4	3
											 			
	MEAN	73.0433	30.021	20.956	29.9552	9.833	29.915		29.953	26.62	29.968	85.023B	0.04	•
.n	S. D.		.161			139	000	.075	.75	• 386	.115	.118	• 15¢	.136
	TOTAL OBS		282	ᅥ	c			-	-	C.	-	O	Ü	₩,
	MEAN	000000	30.052	20.03	200.60	2026.02	2 * 6 * 7	20.977	06	4 1	Q.	0.04	0 • De	0
r.	S. D.	.1.6	6 E E 6	.159	.140	•17.	000	.076	.073	9 40 .	.110	.110		.133
	TOTAL OBS	3 .8	252	316	:	-	\Box	-	-	C	~	S	0	m
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Ī	MEAN	7) • 0 5 4 30	. 42	29.9812	436.6	29.9.92	9.933	29.963	4	25	10	m	0.0	29.586
HOURS	s. O.	.170	.162	.165	.152	~	${\mathfrak t} \to$	• 97	.677		.113	.120	Ş	~
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